



DOG FOOD ACCEPTABILITY TEST FOR EARTH ANIMAL

Summary

PetMech, LLC, a humane pet product research and testing company located in Stillwater, Oklahoma, tested Wisdom Chicken and Turkey formulas animal feed made by Earth Animal, LLC, Westport, Connecticut. Test protocol assumed a single pet-food formula with two different flavors (chicken and turkey). The two different flavors were identical formulations, except for the animal-based protein source. The dog feed was tested for acceptability, feed efficiency, mass balance and stool quality. Tests were conducted in-home with a panel of owners and their pet dogs.

Important findings

Test Result

Test	Result
Acceptability of dog panel and owners	100%
Pet weight during the study	7% average gain
Mass efficiency	95%
Energy efficiency*	87% average
Energy efficiency (unadjusted)	97% average
Metabolizable Energy (ME)	18.4 kJ/g
Digestible Energy (DE)	20.1 kJ/g

*adjusted for losses in urine, using the constant of 5.23 kJ/g digestible protein consumed.

Methods

Pet selection

Eight dogs were selected for the digestibility study (see Table 1). Dogs were of mixed breeds, age, temperament and sex to approximate market conditions. Selected dogs owners were trained to feed, collect and examine feces from pets and record observations on forms. Pets

and owners were selected for the study with the specific goal of achieving test results (e.g. owners with multiple pets would not be selected, if it would have been impossible to determine amounts of product consumed by each pet).

Table 1. Description of pet dogs in the panel.

	Pet	Sex	Breed	Age	Initial Wt, lb
1	Bean	M	Terrier, Yorkie-poo	1	10.5
2	Bear	M	Shepherd Mix	1	71.5
3	Bryn	F	Collie, Border	2	40.0
4	Chub	M	Bulldog, English	5	57.0
5	Duke	F	Retriever, Labrador	1	89.0
6	Ellie	M	Golden Doodle	1	47.0
7	Lucy	F	Great Pyrenees Mix	6	94.5
8	Roman	M	Great Pyrenees Mix	6	111.0
			Avg	2.9	65.1

Objectives

Test objectives were:

- Determine assimilation:
 - Measure consumption (input) for each pet.
 - Measure feces production (output) for each pet.
- Calculate an energy balance and efficiency of feed use based on composition and input of feed and composition and output of feces.
- Provide a visual record of the condition of the pet's stool (photograph).
- Provide a record of the pet's interest in the product (owner survey)
- Survey pet owners to determine their opinion of the condition of the pet's stool, acceptability of the diet (transition issues), and of the product in general.
- Laboratory analysis of stool (total energy and moisture content)

Pet mass

Pets were weighed by the veterinarian on the same scale prior to the acclimation period and near the last day of the feed trial.

Feed assimilation

Four of the dogs were exclusively fed the turkey flavored product for 5 to 7 days, the remaining four pets were fed the chicken flavored product during the same period. There was an acclimation period of 5 days where the pets were fed their normal food with 25% (by weight) of the trial product for the first day, then 50% of the trial product for the second day, then 75% of the trial product for the third day, and 100% of the trial product for two days. At least one of the pets, Bean, bypassed the assimilation period because he refused to eat his old

food after tasting Wisdom.

Feeding

Owners were trained to feed their pets exclusively the test dog food, excluding all other foods, treats and table scraps from their diets during the full-test period. Owners also observed their pets' behavior. The feed was delivered in pre-weighed containers. Owners fed their pets as they had done previously to the test (as closely as possible) using their customary amount of feed, feed method, and timing. General guidelines given for pet food consumption were about 1/4 cups per kg body weight per day on average. Unused feed was collected and weighed to determine the net amount consumed during the test period.

Feces collection

Each pet owner and environment were pre-selected to facilitate feces collection. Owners collected their pet's feces on a daily basis prior to the acceptability testing and during the testing. Collection bags were provided and three of the daily collections were recovered and weighed. The average of the three collections was used to estimate the daily feces production for each pet. Collected samples were dried and analyzed for laboratory testing, including moisture and energy content.

Laboratory analysis

Samples of feed and feces were tested at PetMech for moisture and energy. Energy was tested using a Parr Bomb Calorimeter. Net energy of the feed consumed by each dog was calculated by subtraction. The energy of the feed input and feces output were calculated based on the dry matter weights, and the results of calorimeter analysis for all samples. A correction factor of 5.23 kJ/g of digestible protein was used to account for energy lost through urine.

Results

Pet weight

Pets were weighed immediately prior to commencing the feed assimilation period and on, or near the last day of the feeding period. Table 2 shows the results of the pet weight measurements during the study.

Table 2. Pet weight measurements and % change.

	Pet	Sex	Breed	Age	Initial Wt, lb	Final Wt, lb	% Diff.
1	Bean	M	Terrier, Yorkie-poo	1	10.5	10.2	-2.9
2	Bear	M	Shepherd Mix	1	71.5	81.6	14.1
3	Bryn	F	Collie, Border	2	40.0	42.0	5.0
4	Chub	M	Bulldog, English	5	57.0	59.5	4.4
5	Duke	F	Retriever, Labrador	1	89.0	96.0	7.9
6	Ellie	M	Golden Doodle	1	47.0	47.5	1.1
7	Lucy	F	Great Pyrenees Mix	6	94.5	104.0	10.1
8	Roman	M	Great Pyrenees Mix	6	111.0	118.0	6.3
			Avg	2.9	65.1	69.9	7.4

Mass balance

A simple mass balance was conducted for each pet based on the difference between the mass of the feed the pet consumed and the mass of feces the pet produced during the 30-day trial.

The mass of feces were estimated by weighing collected feces on three of the feeding trial days and taking an average. All weights were reported as dry matter (no moisture). Data from the mass balance was used to calculate the mass assimilation (or the amount that was retained by each dog) of the feed. Results are shown in Table 3 and Figure 1. Appendix A shows images of feces for each dog enrolled in the study. Images of feces were taken by pet owners during weeks 0, 1, 2, and 3. Pet owners were instructed to use the same camera (typically their cell phone) for each image, a similar background and light source, and to fully frame the subject.

Table 3. Mass balance and % assimilation for each pet in the test panel.

					A	B	Ratio	% mass
					Input	Output	out/in	Assim.
	Pet	Sex	Breed	Age	g/day	g/day	A/B	(1-B/A) *100
1	Bean	M	Terrier, Yorkie-poo	1	89.9	11.0	0.12	87.8
2	Bear	M	Shepherd Mix	1	547.0	24.3	0.04	95.6
3	Bryn	F	Collie, Border	2	300.1	8.7	0.03	97.1
4	Chub	M	Bulldog, English	5	259.6	12.0	0.05	95.4
5	Duke	F	Retriever, Labrador	1	478.5	20.3	0.04	95.8
6	Ellie	M	Golden Doodle	1	297.6	10.0	0.03	96.6
7	Lucy	F	Great Pyrenees Mix	6	625.4	18.0	0.03	97.1
8	Roman	M	Great Pyrenees Mix	6	620.0	28.0	0.05	95.5
			Avg	2.9	402.3	16.5	0.0	95.1

Breed v. Feed Conversion Efficiency

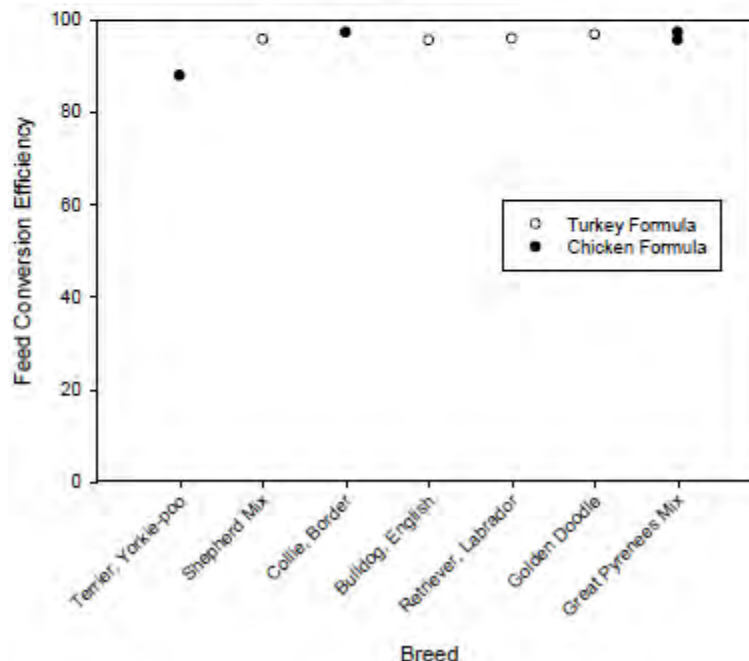


Figure 1. Feed conversion efficiency for all dogs in the study.

Energy analysis

An energy balance on the pet food was conducted using the mass balance and bomb

calorimetry data for the feed and feces. Results of the energy balance are given in table 5 and figure 2. [Measured moisture content of the feed: for Turkey, 11.46% moisture; for Chicken, 17.60% moisture].

Table 5. Results of energy balance calculated for the pet food study.

					Energy	Energy	Net	Net Urine	%	%	
					Out	In	Energy	Adjusted	Eff.	Eff.	
	Pet	Breed	Age	Sex	Formula	kJ/g	kJ/g	kJ/g	kJ/g	Unadj	Adj.
1	Bean	Terrier, Yorkie-poo	1	M	Chicken	1.8	21.1	19.4	17.6	91.5	83.4
2	Bear	Shephard Mix	1	M	Turkey	0.5	20.5	20.0	18.4	97.4	89.8
3	Bryn	Collie, Border	2	F	Chicken	0.4	21.1	20.7	19.0	98.1	89.9
4	Chub	Bulldog, English	5	M	Turkey	0.8	20.5	19.7	18.2	96.3	88.6
5	Duke	Retriever, Labrador	1	M	Turkey	0.7	20.5	19.8	18.2	96.4	88.8
6	Ellie	Golden Doodle	1	F	Turkey	0.6	20.5	19.9	18.4	97.2	89.5
7	Lucy	Great Pyrenees Mix	6	F	Chicken	0.4	21.1	20.7	19.0	98.0	89.8
8	Roman	Great Pyrenees Mix	6	M	Chicken	0.6	21.1	20.5	18.8	97.1	89.0
					Average	0.7	20.8	20.1	18.4	96.5	88.6

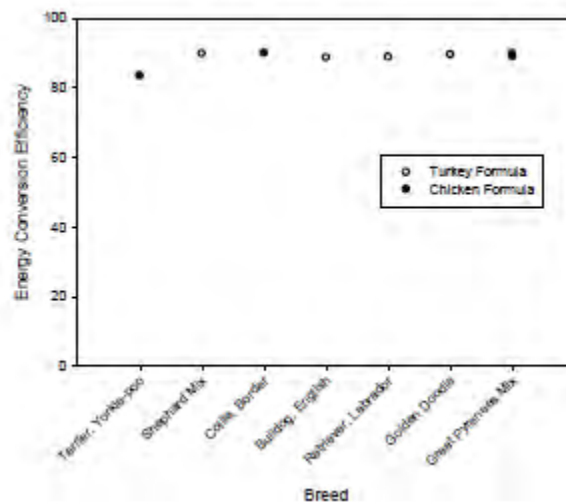


Figure 4. Adjusted feed energy conversion efficiency (adjusted for estimated loss in urine) for all dogs in the study.

Veterinarian Test Results and Opinion

Pet dogs in the trial visited a local vet for an examination within 5 days prior to the beginning of the study and for a second time during the last 5 days of the study. Exams were conducted at Trinity Veterinary Hospital, Stillwater Oklahoma. Attending veterinarians were Dr. Carey Bonds, DVM and Dr. Kent Williams, DVM. The first exam included a fecal sample analysis, urinalysis, blood analysis and a wellness check. The purpose of the fecal sample analysis was for parasite screening. Pets with parasites were to be treated or removed from the study. Bear was the only dog diagnosed with worms. He was treated by Dr. Williams and remained in the study.

Dr. Bonds provided a summary of the results of the test that included her opinion about the health of the pets during the study. Overall, she found that all of the dogs were healthy and no significant changes were noted as a result of the pets' participation in the study. The complete submittal she provided with her opinion is found in Appendix C.

Conclusions

Feces Analysis

Pet dog feces were photographed and collected during the feeding period and evaluated for appearance and specific energy. All feces collected were medium to firm in texture. Three of the pet owners mentioned that their dogs had soft stools, but none were wet and all were within the normal range of expected values for healthy dogs. The energy values of the stool ranged from 11,840 to 17,319 with an average of 14,972 kJ/kg. The values are consistent for healthy pet dogs consuming dry foods.

Pet weight

Eight healthy pet dogs of various breeds, ages, and temperament participated in the test. The average change of weight for the entire test panel was 7% during the study. The highest gain was 14%, which was for a growing Shephard Mix that turned one year old just prior to the study. Most of the dogs (6 out of 8) gained weight during the study. This was attributed to the palatability of the Wisdom and its feed efficiency and high energy content. Of the pets that gained weight, their owners were surprised that their pet gained, and claimed that it seemed like they were feeding their pet less than they had in the past. This observation is consistent with the feed efficiency and energy content of Wisdom. The only dog with a weight loss was a Terrier/Yorkie-poo mix that lost 3% during the study. The owner was not alarmed and thought that the dog was perfectly healthy. The standard deviation of the % weight difference of the pet dogs during the study was 5.2 %.

Mass balance

A mass balance was calculated based on the feed input and feces output during the study. The results were used to calculate the average adjusted assimilation $((1 - \text{output/input}) \times 100)$, or feed efficiency, which was 95%. The range for assimilation was (87.8, 97.1) with a standard deviation of 2.9. The mass balance and calculated assimilation were very good for a dry dog food. For reference, the AAFCO diet allowances are based on feeds with a minimum of an 80% efficiency.

Energy balance

An energy balance was calculated based on the calculated energy of the feed input and feces output. The results were used to calculate the average efficiency $((1 - \text{output/input}) \times 100)$, which was 97%. The range for efficiency was (92.5, 98.1) with a standard deviation of 2.1. After adjustment for estimated energy losses through urine (5.23 kJ/g digestible protein consumed), the efficiency was 89% with a range of (83, 90) and a standard deviation of 2.2. The calculated energy efficiency was extremely good for a dry dog food.

Veterinarian Examinations and Report

The attending veterinarians at Trinity Veterinary Hospital in Stillwater Oklahoma found no significant changes in the health of the 8 dogs that participated in the test. The Veterinarians noted that 6 of the dogs gained weight during the test. This has been attributed to the high palatability, high energy content, and high metabolizability of the Wisdom dog food.

APPENDIX A
PHOTOS OF PET FECES



Bean (Terrier, Yorkie-Poo) stool photos. Clockwise from upper left (day 0, week 1, week 2 and week 3).



Bear (Shepherd mix) stool photos. Clockwise from upper left (day 0, week 1, week 2 and week 3).



Bryn (Border Collie) stool photos. Clockwise from upper left (day 0, week 1, week 2 and week 3).



Chub (English Bulldog) stool photos. Clockwise from upper left (day 0, week 1, week 2 and week 3).



Duke (Labrador Retriever) stool photos. Clockwise from upper left (day 0, week 1, week 2 and week 3).



Ellie (Golden Doodle) stool photos. Clockwise from upper left (day 0, week 1, week 2 and week 3).



Lucy (Great Pyrenees Mix) stool photos. Clockwise from upper left (day 0, week 1, week 2 and week 3).



Roman (Great Pyrenees Mix) stool photos. Clockwise from upper left (day 0, week 1, week 2 and week 3).

APPENDIX C
VETERINARIAN EXAMS

Trinity Veterinary Hospital - Pet Mech Study March 2020 to April 2020

Veterinarian	Client First Name	Client Last Name	Pet Name	Starting weight	Ending weight	Physical Examination Changes	Bloodwork changes
Bonds	Pam		Chub	57	59.5	Weight gain	No significant changes
Bonds	Pam		Duke	89	96	Significant weight gain	No significant changes
Bonds	Camille		Bean	10.5	10.2	No change on physical examination	No significant changes
Williams	Jodi		Ellie	45.5	47.5	Weight gain	No significant changes
Bonds	Kim		Lucy	94.5	104	Significant weight gain	No significant changes
Bonds	Kim		Roman	111	118	Significant weight gain	No significant changes
Bonds	Bryn		Nicola	40	42	Weight gain	No significant changes
Williams	George	Hannon	Bear	71.5	81.6	<p>Bear had Hookworms at the start that were treated with Panacur. This is likely the reason for his elevated Eosinophil count. Bear gained a significant amount of weight during the trial (10.1 pounds). Bear also had an elevation in his Creatinine at the end of the study. It was recommended to recheck his Creatinine in another month and could consider testing his SDMA to further check for early kidney disease. Furthermore, his Eosinophil count had continued to increase so a HWT was performed to rule out Heartworm disease as a potential cause. The exact cause of the Eosinophil elevation is unknown.</p>	See Physical examination changes notes



Examination Report Card

Owner's Name: Pam [REDACTED]

Pet's Name: Chub Date of Birth: 3/23/2015 Date: 3/24/2020

Doctor: Carey L. Bonds, DVM

PRESENTED FOR: PetMech Study		Temperature: __	
History: __PetMech Study. __			
<input type="checkbox"/> DA2LPP <input type="checkbox"/> Rabies <input type="checkbox"/> Lyme <input type="checkbox"/> Bordatella Note: __	<input checked="" type="checkbox"/> Fecal Exam: _neg_ <input type="checkbox"/> Heartworm Test __ <input type="checkbox"/> Lyme/Ehrlichia/Anaplasmosis __ <input checked="" type="checkbox"/> Bloodwork <input checked="" type="checkbox"/> Urinalysis	<input type="checkbox"/> Toe Nail Trim <input type="checkbox"/> Express Anal Glands <input type="checkbox"/> Groom/Bath <input type="checkbox"/> Flush Ears	
Examination:			
Coat and Skin	<input type="checkbox"/> Normal <input checked="" type="checkbox"/> Abnormal	Remarks: _1. erythema-face 2. conjunctivitis w/mucoid discharge. _	
Eyes	<input type="checkbox"/> Normal <input checked="" type="checkbox"/> Abnormal		
Ears	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal		
Nose & Throat	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal		
Mouth, Teeth, Gums	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal		
Legs & Paws	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal		
Heart	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal		
Abdomen	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal		
Lungs	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal		
Gastrointestinal System	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal		
Urogenital System	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal		
Weight	57 pounds	Body Condition Score: __/10 Thin <input type="checkbox"/> Ideal <input type="checkbox"/> Overweight <input type="checkbox"/> Obese <input type="checkbox"/>	
Diet	__	Recommendations: __	
ASSESSMENT & PLAN: Healthy			
_BW-Chem 17/CBC/Lytes-NSF Urinalysis-NSF Fecal-NOS Results emailed to PetMech Disc. Results w/O__			
MEDICATIONS DISPENSED:			
__		<input type="checkbox"/> Heartworm Prevention <input type="checkbox"/> Flea & Tick Prevention	

3/24/2020 A1 - General Exam Medical Note Canine

Trinity Veterinary Hospital
 3100 N. Perkins Road
 Stillwater, OK 74075
 (405) 533-0001



Examination Report Card

Owner's Name: Pam [REDACTED]

Pet's Name: Chub Date of Birth: 3/23/2015 Date: 4/27/2020

Doctor: Carey L. Bonds, DVM

PRESENTED FOR: Petmech - hair loss on R hip		Temperature: __
History: cloudy__		
<input type="checkbox"/> DA2LPP <input type="checkbox"/> Rabies <input type="checkbox"/> Lyme <input type="checkbox"/> Bordatella Note: __	<input type="checkbox"/> Fecal Exam: __ <input type="checkbox"/> Heartworm Test __ <input type="checkbox"/> Lyme/Ehrlichia/Anaplasmosis __ <input type="checkbox"/> Bloodwork <input type="checkbox"/> Urinalysis	<input type="checkbox"/> Toe Nail Trim <input type="checkbox"/> Express Anal Glands <input type="checkbox"/> Groom/Bath <input type="checkbox"/> Flush Ears
Examination:		
Coat and Skin	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	Remarks: Staph lesion on hip red muzzle__
Eyes	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Ears	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Nose & Throat	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Mouth, Teeth, Gums	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Legs & Paws	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Heart	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Abdomen	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Lungs	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Gastrointestinal System	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Urogenital System	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Weight	59.5 pounds	Body Condition Score: __/10 Thin <input type="checkbox"/> Ideal <input type="checkbox"/> Overweight <input type="checkbox"/> Obese <input type="checkbox"/>
Diet	__	Recommendations: __
ASSESSMENT & PLAN: Atopy		
Rec: Alcohol on staph lesion Cent:allergy med Ab's if worsen Wt. gain on diet Rec Rech: BW=NSF/UA=WNL__		
MEDICATIONS DISPENSED:		
__		<input type="checkbox"/> Heartworm Prevention <input type="checkbox"/> Flea & Tick Prevention

4/27/2020 A1 - General Exam Medical Note Canine

Trinity Veterinary Hospital
 3100 N. Perkins Road
 Stillwater, OK 74075
 (405) 533-0001



Examination Report Card

Owner's Name: Pam [REDACTED]

Pet's Name: Duke Date of Birth: 3/23/2019 Date: 3/24/2020

Doctor: Carey L. Bonds, DVM

PRESENTED FOR: PetMech Study		Temperature: __
History: _PetMech study. _		
<input type="checkbox"/> DA2LPP <input type="checkbox"/> Rabies <input type="checkbox"/> Lyme <input type="checkbox"/> Bordatella Note: __	<input checked="" type="checkbox"/> Fecal Exam: _neg_ <input type="checkbox"/> Heartworm Test __ <input type="checkbox"/> Lyme/Ehrlichia/Anaplasmosis __ <input checked="" type="checkbox"/> Bloodwork <input checked="" type="checkbox"/> Urinalysis	<input type="checkbox"/> Toe Nail Trim <input type="checkbox"/> Express Anal Glands <input type="checkbox"/> Groom/Bath <input type="checkbox"/> Flush Ears
Examination:		
Coat and Skin	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	Remarks: _-overweight -Mild discharge/errythema R and L ear. _
Eyes	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Ears	<input type="checkbox"/> Normal <input checked="" type="checkbox"/> Abnormal	
Nose & Throat	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Mouth, Teeth, Gums	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Legs & Paws	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Heart	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Abdomen	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Lungs	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Gastrointestinal System	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Urogenital System	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Weight	89 pounds	Body Condition Score: __/10 Thin <input type="checkbox"/> Ideal <input type="checkbox"/> Overweight <input type="checkbox"/> Obese <input type="checkbox"/>
Diet	__	Recommendations: __
ASSESSMENT & PLAN: Healthy		
_Rec: ear cleaner and wt. loss BW-Chem 17/CBC/lytes NSF UA-NSF Fecal NOS Disc.Results w/O _		
MEDICATIONS DISPENSED:		
__		<input type="checkbox"/> Heartworm Prevention <input type="checkbox"/> Flea & Tick Prevention

3/24/2020 A1 - General Exam Medical Note Canine

Trinity Veterinary Hospital
 3100 N. Perkins Road
 Stillwater, OK 74075
 (405) 533-0001



Examination Report Card

Owner's Name: Pam [REDACTED]

Pet's Name: Duke Date of Birth: 3/23/2019 Date: 04/27/2020

Doctor: Carey L. Bonds, DVM

PRESENTED FOR: Mass		Temperature: ____	
History: petmech- check groin area, think there a mass ____			
<input type="checkbox"/> DA2LPP <input type="checkbox"/> Rabies <input type="checkbox"/> Lyme <input type="checkbox"/> Bordatella Note: ____	<input type="checkbox"/> Fecal Exam: ____ <input type="checkbox"/> Heartworm Test ____ <input type="checkbox"/> Lyme/Ehrlichia/Anaplasmosis ____ <input type="checkbox"/> Bloodwork <input type="checkbox"/> Urinalysis	<input type="checkbox"/> Toe Nail Trim <input type="checkbox"/> Express Anal Glands <input type="checkbox"/> Groom/Bath <input type="checkbox"/> Flush Ears	
Examination:			
Coat and Skin	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	Remarks: weight gain ____
Eyes	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Ears	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Nose & Throat	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Mouth, Teeth, Gums	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Legs & Paws	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Heart	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Abdomen	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Lungs	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Gastrointestinal System	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Urogenital System	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Weight	96 pounds	Body Condition Score: ____/10 Thin <input type="checkbox"/> Ideal <input type="checkbox"/> Overweight <input type="checkbox"/> Obese <input type="checkbox"/>	
Diet	____	Recommendations: ____	
ASSESSMENT & PLAN:			
healthy: BW = NSF			
UA = NSF			
area owner concerned about if fat pad probably enlarged with weight gain ____			
MEDICATIONS DISPENSED:			
____		<input type="checkbox"/> Heartworm Prevention <input type="checkbox"/> Flea & Tick Prevention	

4/27/2020 A1 - General Exam Medical Note Canine
 Bonds, DVM, Carey L. - Closed - 5/4/2020

Trinity Veterinary Hospital
 3100 N. Perkins Road
 Stillwater, OK 74075
 (405) 533-0001



Examination Report Card

Owner's Name: Camille [REDACTED]

Pet's Name: Bean Date of Birth: 8/27/2018 Date: 3/24/2020

Doctor: Carey L. Bonds, DVM

PRESENTED FOR: PetMech Study		Temperature: ____
History: __ No concerns		
<input type="checkbox"/> DA2LPP <input type="checkbox"/> Rabies <input type="checkbox"/> Lyme <input type="checkbox"/> Bordatella Note: ____	<input checked="" type="checkbox"/> Fecal Exam: __nos__ <input type="checkbox"/> Heartworm Test ____ <input type="checkbox"/> Lyme/Ehrlichia/Anaplasmosis ____ <input checked="" type="checkbox"/> Bloodwork <input checked="" type="checkbox"/> Urinalysis	<input type="checkbox"/> Toe Nail Trim <input type="checkbox"/> Express Anal Glands <input type="checkbox"/> Groom/Bath <input type="checkbox"/> Flush Ears
Examination:		
Coat and Skin	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	Remarks: ____ WNL
Eyes	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Ears	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Nose & Throat	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Mouth, Teeth, Gums	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Legs & Paws	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Heart	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Abdomen	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Lungs	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Gastrointestinal System	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Urogenital System	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Weight	10.5 pounds	Body Condition Score: __/10 Thin <input type="checkbox"/> Ideal <input type="checkbox"/> Overweight <input type="checkbox"/> Obese <input type="checkbox"/>
Diet	____	Recommendations: ____
ASSESSMENT & PLAN: healthy		
__ Bw- chem17/CBC/lytes UA=NSF- lots of cells- suspect from U. cath. OK to script clavamox 1cc PO BID x14d if clinical signs manifest Fecal=neg		
MEDICATIONS DISPENSED:		
____		<input type="checkbox"/> Heartworm Prevention <input type="checkbox"/> Flea & Tick Prevention

3/24/2020 A1 - General Exam Medical Note Canine
 Bonds, DVM, Carey L. - Final - 3/26/2020

Trinity Veterinary Hospital
 3100 N. Perkins Road
 Stillwater, OK 74075
 (405) 533-0001



Examination Report Card

Owner's Name: Camille [REDACTED]

Pet's Name: Bean Date of Birth: 8/27/2018 Date: 4/25/2020

Doctor: Carey L. Bonds, DVM

PRESENTED FOR: Petmech study		Temperature: ____	
History: ____			
<input type="checkbox"/> DA2LPP <input type="checkbox"/> Rabies <input type="checkbox"/> Lyme <input type="checkbox"/> Bordatella Note: ____	<input type="checkbox"/> Fecal Exam: ____ <input type="checkbox"/> Heartworm Test ____ <input type="checkbox"/> Lyme/Ehrlichia/Anaplasmosis ____ <input checked="" type="checkbox"/> Bloodwork <input checked="" type="checkbox"/> Urinalysis	<input checked="" type="checkbox"/> Toe Nail Trim <input type="checkbox"/> Express Anal Glands <input type="checkbox"/> Groom/Bath <input type="checkbox"/> Flush Ears	
Examination:			
Coat and Skin	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	Remarks: WNL
Eyes	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Ears	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Nose & Throat	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Mouth, Teeth, Gums	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Legs & Paws	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Heart	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Abdomen	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Lungs	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Gastrointestinal System	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Urogenital System	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Weight	10.2 pounds		Body Condition Score: ____/10 Thin <input type="checkbox"/> Ideal <input type="checkbox"/> Overweight <input type="checkbox"/> Obese <input type="checkbox"/>
Diet	Recommendations: ____		
ASSESSMENT & PLAN: Healthy			
BW-NSF			
UA-dry, O to come back			
TNT			
MEDICATIONS DISPENSED:			
____			<input type="checkbox"/> Heartworm Prevention <input type="checkbox"/> Flea & Tick Prevention

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 Bonds, DVM, Carey L. - Final - 4/29/2020

Trinity Veterinary Hospital
 3100 N. Perkins Road
 Stillwater, OK 74075
 (405) 533-0001



Examination Report Card

Owner's Name: Jodi [REDACTED]

Pet's Name: Ellie Date of Birth: 9/3/2018 Date: 3/26/2020

Doctor: Kent Williams, DVM

PRESENTED FOR:		Temperature: __
History: _No concerns. Wanting to start PetMech trial so needs blood work, UA , and fecal testing. _		
<input type="checkbox"/> DA2LPP <input type="checkbox"/> Rabies <input type="checkbox"/> Lyme <input type="checkbox"/> Bordatella Note: __	<input checked="" type="checkbox"/> Fecal Exam: _NOS_ <input type="checkbox"/> Heartworm Test __ <input type="checkbox"/> Lyme/Ehrlichia/Anaplasmosis __ <input checked="" type="checkbox"/> Bloodwork- wnl <input checked="" type="checkbox"/> Urinalysis- nsf, SG- 1.050	<input type="checkbox"/> Toe Nail Trim <input type="checkbox"/> Express Anal Glands <input type="checkbox"/> Groom/Bath <input type="checkbox"/> Flush Ears
Examination:		
Coat and Skin	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	Remarks: _BAR, HL ausc normal, mm-pink, crt< 2 sec eyes/ears- clear_
Eyes	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Ears	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Nose & Throat	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Mouth, Teeth, Gums	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Legs & Paws	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Heart	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Abdomen	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Lungs	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Gastrointestinal System	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Urogenital System	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Weight	47 pounds	Body Condition Score: __/10 Thin <input type="checkbox"/> Ideal <input type="checkbox"/> Overweight <input type="checkbox"/> Obese <input type="checkbox"/>
Diet	__	Recommendations: __
ASSESSMENT & PLAN:		
Appears healthy		
MEDICATIONS DISPENSED:		
__		<input type="checkbox"/> Heartworm Prevention <input type="checkbox"/> Flea & Tick Prevention

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Williams, DVM, Kent - Final - 3/26/2020

Trinity Veterinary Hospital
 3100 N. Perkins Road
 Stillwater, OK 74075
 (405) 533-0001



Examination Report Card

Owner's Name: PetMech PetMech

Pet's Name: Ellie Date of Birth: 9/3/2018 Date: 4/28/2020

Doctor: Kent Williams, DVM

PRESENTED FOR: PetMech Study		Temperature: __
History: __ No concerns		
<input type="checkbox"/> DA2LPP <input type="checkbox"/> Rabies <input type="checkbox"/> Lyme <input type="checkbox"/> Bordatella Note: __	<input type="checkbox"/> Fecal Exam: __ <input type="checkbox"/> Heartworm Test __ <input type="checkbox"/> Lyme/Ehrlichia/Anaplasmosis __ <input checked="" type="checkbox"/> Bloodwork <input checked="" type="checkbox"/> Urinalysis	<input type="checkbox"/> Toe Nail Trim <input type="checkbox"/> Express Anal Glands <input type="checkbox"/> Groom/Bath <input type="checkbox"/> Flush Ears
Examination:		
Coat and Skin	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	Remarks: _BAR, HL ausc normal, mm-pink, crt < 2 sec mild tartar mild erythema AU but no evidence of infection at this time. _
Eyes	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Ears	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Nose & Throat	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Mouth, Teeth, Gums	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Legs & Paws	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Heart	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Abdomen	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Lungs	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Gastrointestinal System	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Urogenital System	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Weight	45.5 pounds	Body Condition Score: __/10 Thin <input type="checkbox"/> Ideal <input type="checkbox"/> Overweight <input type="checkbox"/> Obese <input type="checkbox"/>
Diet	__	Recommendations: __
ASSESSMENT & PLAN:		
_Appears healthy- mild erythema AU. _		
MEDICATIONS DISPENSED:		
__		<input type="checkbox"/> Heartworm Prevention <input type="checkbox"/> Flea & Tick Prevention

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Williams, DVM, Kent - Final - 4/28/2020

Trinity Veterinary Hospital
 3100 N. Perkins Road
 Stillwater, OK 74075
 (405) 533-0001



Examination Report Card

Owner's Name: Kim [REDACTED]

Pet's Name: Lucy

Date of Birth: 3/23/2014 Date: 3/24/2020

Doctor: Carey L. Bonds, DVM

PRESENTED FOR: PetMech Study		Temperature: __	
History: __No concerns			
<input type="checkbox"/> DA2LPP <input type="checkbox"/> Rabies <input type="checkbox"/> Lyme <input type="checkbox"/> Bordatella Note: __	<input checked="" type="checkbox"/> Fecal Exam: _nos_ <input type="checkbox"/> Heartworm Test __ <input type="checkbox"/> Lyme/Ehrlichia/Anaplasmosis __ <input checked="" type="checkbox"/> Bloodwork <input checked="" type="checkbox"/> Urinalysis	<input type="checkbox"/> Toe Nail Trim <input type="checkbox"/> Express Anal Glands <input type="checkbox"/> Groom/Bath <input type="checkbox"/> Flush Ears	
Examination:			
Coat and Skin	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	Remarks: __ WNL
Eyes	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Ears	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Nose & Throat	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Mouth, Teeth, Gums	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Legs & Paws	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Heart	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Abdomen	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Lungs	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Gastrointestinal System	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Urogenital System	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Weight	94.5 pounds	Body Condition Score: __/10	Thin <input type="checkbox"/> Ideal <input type="checkbox"/> Overweight <input type="checkbox"/> Obese <input type="checkbox"/>
Diet	__	Recommendations: __	
ASSESSMENT & PLAN: healthy			
__ fecal=neg bw-chem 17/CBC/lytes UA-UTI Disc w/o Rec: ab's Owner to disc w/ DVM OK to script cephalexin 500 2C PO BID x14d			
MEDICATIONS DISPENSED:			
__		<input type="checkbox"/> Heartworm Prevention <input type="checkbox"/> Flea & Tick Prevention	

3/24/2020 A1 - General Exam Medical Note Canine

Trinity Veterinary Hospital
 3100 N. Perkins Road
 Stillwater, OK 74075
 (405) 533-0001



Examination Report Card

Owner's Name: Kim [REDACTED]

Pet's Name: Lucy

Date of Birth: 3/23/2014 Date: 4/27/2020

Doctor: Carey L. Bonds, DVM

PRESENTED FOR: Weight Gain		Temperature: ____	
History: Petmech recheck			
<input type="checkbox"/> DA2LPP <input type="checkbox"/> Rabies <input type="checkbox"/> Lyme <input type="checkbox"/> Bordatella Note: ____	<input type="checkbox"/> Fecal Exam: ____ <input type="checkbox"/> Heartworm Test ____ <input type="checkbox"/> Lyme/Ehrlichia/Anaplasmosis ____ <input type="checkbox"/> Bloodwork <input type="checkbox"/> Urinalysis	<input type="checkbox"/> Toe Nail Trim <input type="checkbox"/> Express Anal Glands <input type="checkbox"/> Groom/Bath <input type="checkbox"/> Flush Ears	
Examination:			
Coat and Skin	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	Remarks: Weight gain	
Eyes	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal		
Ears	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal		
Nose & Throat	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal		
Mouth, Teeth, Gums	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal		
Legs & Paws	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal		
Heart	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal		
Abdomen	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal		
Lungs	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal		
Gastrointestinal System	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal		
Urogenital System	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal		
Weight	108 pounds	Body Condition Score: ____/10 Thin <input type="checkbox"/> Ideal <input type="checkbox"/> Overweight <input type="checkbox"/> Obese <input type="checkbox"/>	
Diet	____	Recommendations: ____	
ASSESSMENT & PLAN: Healthy			
Chem15/CBC-NSF			
UA-continued UTI			
MEDICATIONS DISPENSED:			
____		<input type="checkbox"/> Heartworm Prevention <input type="checkbox"/> Flea & Tick Prevention	

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 Bonds, DVM, Carey L. - Final - 4/29/2020

Trinity Veterinary Hospital
 3100 N. Perkins Road
 Stillwater, OK 74075
 (405) 533-0001



Examination Report Card

Owner's Name: Kim [REDACTED]

Pet's Name: Roman Date of Birth: 3/23/2014 Date: 3/25/2020

Doctor: Carey L. Bonds, DVM

PRESENTED FOR: PetMech Study		Temperature: __	
History: __ No concerns			
<input type="checkbox"/> DA2LPP <input type="checkbox"/> Rabies <input type="checkbox"/> Lyme <input type="checkbox"/> Bordatella Note: __	<input checked="" type="checkbox"/> Fecal Exam: _nos_ <input type="checkbox"/> Heartworm Test __ <input type="checkbox"/> Lyme/Ehrlichia/Anaplasmosis __ <input checked="" type="checkbox"/> Bloodwork <input checked="" type="checkbox"/> Urinalysis	<input type="checkbox"/> Toe Nail Trim <input type="checkbox"/> Express Anal Glands <input type="checkbox"/> Groom/Bath <input type="checkbox"/> Flush Ears	
Examination:			
Coat and Skin	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	Remarks: __ WNL
Eyes	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Ears	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Nose & Throat	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Mouth, Teeth, Gums	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Legs & Paws	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Heart	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Abdomen	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Lungs	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Gastrointestinal System	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Urogenital System	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Weight	111 pounds	Body Condition Score: __/10 Thin <input type="checkbox"/> Ideal <input type="checkbox"/> Overweight <input type="checkbox"/> Obese <input type="checkbox"/>	
Diet	__	Recommendations: __	
ASSESSMENT & PLAN: healthy			
__ Bw- chem 17/CBC/lytes= NSF UA=NSF Fecal= neg			
MEDICATIONS DISPENSED:			
__		<input type="checkbox"/> Heartworm Prevention <input type="checkbox"/> Flea & Tick Prevention	

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 Bonds, DVM, Carey L. - Final - 3/26/2020

Trinity Veterinary Hospital
 3100 N. Perkins Road
 Stillwater, OK 74075
 (405) 533-0001



Examination Report Card

Owner's Name: Kim [REDACTED]

Pet's Name: Roman Date of Birth: 3/23/2014 Date: 04/27/2020

Doctor: Carey L. Bonds, DVM

PRESENTED FOR: Weight Gain		Temperature: __
History: Petmech recheck		
<input type="checkbox"/> DA2LPP <input type="checkbox"/> Rabies <input type="checkbox"/> Lyme <input type="checkbox"/> Bordatella Note: __	<input type="checkbox"/> Fecal Exam: __ <input type="checkbox"/> Heartworm Test __ <input type="checkbox"/> Lyme/Ehrlichia/Anaplasmosis __ <input type="checkbox"/> Bloodwork <input type="checkbox"/> Urinalysis	<input type="checkbox"/> Toe Nail Trim <input type="checkbox"/> Express Anal Glands <input type="checkbox"/> Groom/Bath <input type="checkbox"/> Flush Ears
Examination:		
Coat and Skin	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	Remarks: Weight gain.
Eyes	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Ears	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Nose & Throat	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Mouth, Teeth, Gums	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Legs & Paws	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Heart	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Abdomen	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Lungs	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Gastrointestinal System	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Urogenital System	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Weight	119 pounds	Body Condition Score: __/10 Thin <input type="checkbox"/> Ideal <input type="checkbox"/> Overweight <input type="checkbox"/> Obese <input type="checkbox"/>
Diet	__	Recommendations: __
ASSESSMENT & PLAN:		
Healthy, CBC/Chem15-NSF		
UA-NSF		
MEDICATIONS DISPENSED:		
__		<input type="checkbox"/> Heartworm Prevention <input type="checkbox"/> Flea & Tick Prevention

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 Bonds, DVM, Carey L. - Final - 4/29/2020

Trinity Veterinary Hospital
 3100 N. Perkins Road
 Stillwater, OK 74075
 (405) 533-0001



Examination Report Card

Owner's Name: Christine [REDACTED]

Pet's Name: Bryn Date of Birth: 7/23/2017 Date: 3/25/2020

Doctor: Carey L. Bonds, DVM

PRESENTED FOR:		Temperature: __	
History: __			
<input type="checkbox"/> DA2LPP <input type="checkbox"/> Rabies <input type="checkbox"/> Lyme <input type="checkbox"/> Bordatella Note: __	<input checked="" type="checkbox"/> Fecal Exam: <u>NBS</u> <input type="checkbox"/> Heartworm Test __ <input type="checkbox"/> Lyme/Ehrlichia/Anaplasmosis __ <input checked="" type="checkbox"/> Bloodwork <input checked="" type="checkbox"/> Urinalysis	<input type="checkbox"/> Toe Nail Trim <input type="checkbox"/> Express Anal Glands <input type="checkbox"/> Groom/Bath <input type="checkbox"/> Flush Ears	
Examination:			
Coat and Skin	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	Remarks: WNL
Eyes	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Ears	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Nose & Throat	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Mouth, Teeth, Gums	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Legs & Paws	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Heart	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Abdomen	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Lungs	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Gastrointestinal System	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Urogenital System	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
Weight	40 pounds	Body Condition Score: __/10 Thin <input type="checkbox"/> Ideal <input checked="" type="checkbox"/> Overweight <input type="checkbox"/> Obese <input type="checkbox"/>	
Diet	__	Recommendations: __	
ASSESSMENT & PLAN:			
Healthy			
MEDICATIONS DISPENSED:			
CBC/Chem15 - NSF		<input type="checkbox"/> Heartworm Prevention	
UA - NSF		<input type="checkbox"/> Flea & Tick Prevention	

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 Carey L. Bonds, DVM

Trinity Veterinary Hospital
 3100 N. Perkins Road
 Stillwater, OK 74075
 (405) 533-0001



Examination Report Card

Owner's Name: Christine [REDACTED]

Pet's Name: Bryn Date of Birth: 7/23/2017 Date: 4/28/2020

Doctor: Carey L. Bonds, DVM

PRESENTED FOR:		Temperature: __
History: __		
<input type="checkbox"/> DA2LPP <input type="checkbox"/> Rabies <input type="checkbox"/> Lyme <input type="checkbox"/> Bordatella Note: __	<input type="checkbox"/> Fecal Exam: __ <input type="checkbox"/> Heartworm Test __ <input type="checkbox"/> Lyme/Ehrlichia/Anaplasmosis __ <input checked="" type="checkbox"/> Bloodwork <input checked="" type="checkbox"/> Urinalysis	<input type="checkbox"/> Toe Nail Trim <input type="checkbox"/> Express Anal Glands <input type="checkbox"/> Groom/Bath <input type="checkbox"/> Flush Ears
Examination:		
Coat and Skin	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	Remarks: WNL
Eyes	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Ears	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Nose & Throat	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Mouth, Teeth, Gums	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Legs & Paws	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Heart	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Abdomen	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Lungs	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Gastrointestinal System	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Urogenital System	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Weight	42 pounds	Body Condition Score: __/10 Thin <input type="checkbox"/> Ideal <input checked="" type="checkbox"/> Overweight <input type="checkbox"/> Obese <input type="checkbox"/>
Diet	__	Recommendations: __
ASSESSMENT & PLAN:		
Healty Weight loss back to 40 lbs. BW - CBC/Chem 15 - NSF US - NSF		
MEDICATIONS DISPENSED:		
__		<input type="checkbox"/> Heartworm Prevention <input type="checkbox"/> Flea & Tick Prevention

00/00/00 A1 - General Exam Medical Note Canine
 Carey L. Bonds, DVM

Trinity Veterinary Hospital
 3100 N. Perkins Road
 Stillwater, OK 74075
 (405) 533-0001



Examination Report Card

Owner's Name: George [REDACTED]

Pet's Name: Bear Date of Birth: 9/26/2018 Date: 3/27/2020

Doctor: Kent Williams, DVM

PRESENTED FOR: PETMECH STUDY		Temperature: __
History: _No concerns. O is wanting to sign up for PetMech food study. Needs work up required_		
<input type="checkbox"/> DA2LPP <input type="checkbox"/> Rabies <input type="checkbox"/> Lyme <input type="checkbox"/> Bordatella Note: __	<input checked="" type="checkbox"/> Fecal Exam: _Hookworms_ <input type="checkbox"/> Heartworm Test __ <input type="checkbox"/> Lyme/Ehrlichia/Anaplasmosis __ <input checked="" type="checkbox"/> Bloodwork- Elevated WBCs- Monocytes and Eosinophils, Increased Amylase <input checked="" type="checkbox"/> Urinalysis- rare RBCs likely from catheter- difficult to pass, otherwise unremarkable	<input type="checkbox"/> Toe Nail Trim <input type="checkbox"/> Express Anal Glands <input type="checkbox"/> Groom/Bath <input type="checkbox"/> Flush Ears
Examination:		
Coat and Skin	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	Remarks: _BAR, HL ausc normal, mm-pink, crt < 2 sec eyes/ears- clear _
Eyes	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Ears	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Nose & Throat	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Mouth, Teeth, Gums	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Legs & Paws	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Heart	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Abdomen	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Lungs	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Gastrointestinal System	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Urogenital System	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Weight	71.5 pounds	Body Condition Score: _4_/10 Thin <input type="checkbox"/> Ideal <input checked="" type="checkbox"/> Overweight <input type="checkbox"/> Obese <input type="checkbox"/>
Diet	__	Recommendations: __
ASSESSMENT & PLAN:		
Elevated WBCs especially Eosinophils- recommend fecal and HWT to rule out parasites. _		
MEDICATIONS DISPENSED:		
__		<input type="checkbox"/> Heartworm Prevention <input type="checkbox"/> Flea & Tick Prevention

3/27/2020 A1 - General Exam Medical Note Canine
Williams, DVM, Kent - Final - 3/31/2020

Trinity Veterinary Hospital
3100 N. Perkins Road
Stillwater, OK 74075
(405) 533-0001



Examination Report Card

Owner's Name: George [REDACTED]

Pet's Name: Bear Date of Birth: 9/26/2018 Date: 4/28/2020

Doctor: Kent Williams, DVM

PRESENTED FOR: Pet Mech study		Temperature: __
History: __ No concerns		
<input type="checkbox"/> DA2LPP <input type="checkbox"/> Rabies <input type="checkbox"/> Lyme <input type="checkbox"/> Bordatella Note: __	<input type="checkbox"/> Fecal Exam: __ <input checked="" type="checkbox"/> Heartworm Test _Neg_ <input checked="" type="checkbox"/> Lyme/Ehrlichia/Anaplasmosis _Neg_ <input checked="" type="checkbox"/> Bloodwork- Increased WBCs especially Eosinophils, Creat 1.9 <input checked="" type="checkbox"/> Urinalysis	<input type="checkbox"/> Toe Nail Trim <input type="checkbox"/> Express Anal Glands <input type="checkbox"/> Groom/Bath <input type="checkbox"/> Flush Ears
Examination:		
Coat and Skin	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	Remarks: _BAR, HL ausc normal, mm-pink, crt < 2 sec Abd palp- unremarkable -
Eyes	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Ears	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Nose & Throat	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Mouth, Teeth, Gums	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Legs & Paws	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Heart	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Abdomen	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Lungs	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Gastrointestinal System	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Urogenital System	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal	
Weight	81.6 pounds	Body Condition Score: __/10 Thin <input type="checkbox"/> Ideal <input type="checkbox"/> Overweight <input type="checkbox"/> Obese <input type="checkbox"/>
Diet	__	Recommendations: __
ASSESSMENT & PLAN:		
_Has gained 10 pounds. Recommend rechecking Creatinine level in 1-2 months. Eosinophilia- Recommend rechecking fecal and a HWT. HWT- Neg. O to drop off fecal sample. Fecal- NOS. _		
MEDICATIONS DISPENSED:		
__		<input type="checkbox"/> Heartworm Prevention <input type="checkbox"/> Flea & Tick Prevention

4/28/2020 A1 - General Exam Medical Note Canine
Williams, DVM, Kent - Final - 5/4/2020

Trinity Veterinary Hospital
3100 N. Perkins Road
Stillwater, OK 74075
(405) 533-0001



BEAN [REDACTED]

PET OWNER: CAMILLE [REDACTED]
SPECIES: Canine
BREED: [REDACTED]
GENDER: Male Neutered
AGE: 1 Years
PATIENT ID: 4561

Trinity Veterinary Hospital
3100 N. Perkins Road
Stillwater, Oklahoma 74075
405-533-0001
ACCOUNT #: [REDACTED]
ATTENDING VET: Carey Bonds, DVM

LAB ID: [REDACTED]
ORDER ID: 5277
DATE OF RECEIPT: 3/24/20
DATE OF RESULT: 3/24/20

IDEXX Services: ProCyt Dx Hematology Analyzer, Catalyst Dx Chemistry Analyzer, SediVue Dx Urine Sediment Analyzer, IDEXX VetLab UA Analyzer

Hematology



3/24/20

5:34 PM

TEST	RESULT	REFERENCE VALUE	
RBC	7.13	5.65 - 8.87 M/ μ L	
Hematocrit	52.6	37.3 - 61.7 %	
Hemoglobin	18.9	13.1 - 20.5 g/dL	
MCV	73.8	61.6 - 73.5 fL	H
MCH	26.6	21.2 - 25.9 pg	H
MCHC	35.9	32.0 - 37.9 g/dL	
RDW	14.5	13.6 - 21.7 %	
% Reticulocyte	0.9	%	
Reticulocytes	62.0	10.0 - 110.0 K/ μ L	
Reticulocyte Hemoglobin	31.5	22.3 - 29.6 pg	H
WBC	12.36	5.05 - 16.76 K/ μ L	
% Neutrophils	77.5	%	
% Lymphocytes	14.3	%	
% Monocytes	6.1	%	
% Eosinophils	1.5	%	
% Basophils	0.6	%	
Neutrophils	9.58	2.95 - 11.64 K/ μ L	
Lymphocytes	1.77	1.05 - 5.10 K/ μ L	
Monocytes	0.75	0.16 - 1.12 K/ μ L	
Eosinophils	0.18	0.06 - 1.23 K/ μ L	
Basophils	0.08	0.00 - 0.10 K/ μ L	
Platelets	230	148 - 484 K/ μ L	
PDW	11.4	9.1 - 19.4 fL	
MPV	12.5	8.7 - 13.2 fL	
Plateletcrit	0.29	0.14 - 0.46 %	



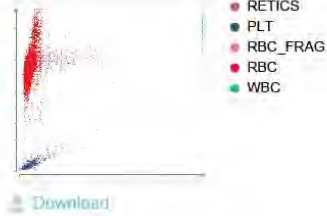
BEAN

PET OWNER: CAMILLE

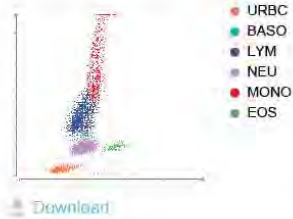
DATE OF RESULT: 3/24/20

LAB ID:

RBC Run



WBC Run



Increased MCHC or MCH-consider hemolysis (including sample collection/handling), lipemia, Heinz bodies, and agglutination

Chemistry



3/24/20

5:42 PM

TEST	RESULT	REFERENCE VALUE	
Glucose	101	74 - 143 mg/dL	
Creatinine	1.1	0.5 - 1.8 mg/dL	
BUN	24	7 - 27 mg/dL	
BUN: Creatinine Ratio	22		
Phosphorus	2.3	2.5 - 6.8 mg/dL	L
Calcium	9.8	7.9 - 12.0 mg/dL	
Sodium	156	144 - 160 mmol/L	
Potassium	4.4	3.5 - 5.8 mmol/L	
Na: K Ratio	35		
Chloride	117	109 - 122 mmol/L	
Total Protein	6.9	5.2 - 8.2 g/dL	
Albumin	3.4	2.3 - 4.0 g/dL	



BEAN

PET OWNER: **CAMILLE**

DATE OF RESULT: **3/24/20**

LAB ID:

Chemistry (continued)

TEST	RESULT	REFERENCE VALUE	
Globulin	3.5	2.5 - 4.5 g/dL	
Albumin: Globulin Ratio	1.0		
ALT	33	10 - 125 U/L	
ALP	54	23 - 212 U/L	
GGT	4	0 - 11 U/L	
Bilirubin - Total	0.2	0.0 - 0.9 mg/dL	
Cholesterol	178	110 - 320 mg/dL	
Amylase	449	500 - 1,500 U/L	
Lipase	758	200 - 1,800 U/L	
Osmolality	313	mmol/kg	

Urinalysis



3/24/20 5:34 PM 5:33 PM

TEST	RESULT	REFERENCE VALUE
Collection	Cystocentesis	
Color	Pale Yellow	
Clarity	Clear	
Specific Gravity	1.050	
pH	9.0	
Urine Protein	100	mg/dL
Glucose	neg	
Ketones	neg	
Blood / Hemoglobin	250	Ery/ μ L
Bilirubin	neg	
Urobilinogen	norm	
Leukocyte Esterase	neg	
White Blood Cells	48 /HPF	



BEAN

PET OWNER: **CAMILLE**

DATE OF RESULT: **3/24/20**

LAB ID:

Urinalysis (continued)

TEST	RESULT	REFERENCE VALUE
Red Blood Cells	>50 /HPF	
Bacteria, Cocci	Present	
Bacteria, Rods	None detected	
Squamous Epithelial Cells	<1 /HPF	
Non-Squamous Epithelial Cells	>10 /HPF	
Hyaline Casts	None detected	
Non-Hyaline Casts	>1 /LPF	
Calcium Oxalate Dihydrate Crystals	None detected	
Struvite Crystals	None detected	
Ammonium Biurate Crystals	None detected	
Bilirubin Crystals	None detected	
Unclassified Crystals	None detected	

Images



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Consider urine culture and sensitivity.

Confirm all leukocyte results with microscopy

Consider re-evaluation of proteinuria after resolution of active sediment.



BEAR [REDACTED]

PET OWNER: **GEORGE** [REDACTED]
SPECIES: Canine
BREED:
GENDER: Male Neutered
AGE: 1 Years
PATIENT ID: 6110

Trinity Veterinary Hospital
3100 N. Perkins Road
Stillwater, Oklahoma 74075
405-533-0001
ACCOUNT #:
ATTENDING VET: Kent Williams, DVM

LAB ID:
ORDER ID: 5295
DATE OF RECEIPT: 3/27/20
DATE OF RESULT: 3/27/20

IDEXX Services: ProCyt Dx Hematology Analyzer, Catalyst Dx Chemistry Analyzer, SediVue Dx Urine Sediment Analyzer, IDEXX VetLab UA Analyzer

Hematology



3/27/20

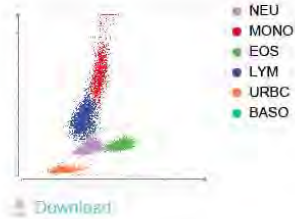
2:13 PM

TEST	RESULT	REFERENCE VALUE	
RBC	7.21	5.65 - 8.87 M/ μ L	
Hematocrit	47.1	37.3 - 61.7 %	
Hemoglobin	16.9	13.1 - 20.5 g/dL	
MCV	65.3	61.6 - 73.5 fL	
MCH	23.4	21.2 - 25.9 pg	
MCHC	35.9	32.0 - 37.9 g/dL	
RDW	16.4	13.6 - 21.7 %	
% Reticulocyte	0.9	%	
Reticulocytes	63.4	10.0 - 110.0 K/ μ L	
Reticulocyte Hemoglobin	27.4	22.3 - 29.6 pg	
WBC	18.01	5.05 - 16.76 K/μL	H
% Neutrophils	47.1	%	
% Lymphocytes	22.0	%	
% Monocytes	8.6	%	
% Eosinophils	22.2	%	
% Basophils	0.1	%	
Neutrophils	8.48	2.95 - 11.64 K/ μ L	
Lymphocytes	3.97	1.05 - 5.10 K/ μ L	
Monocytes	1.55	0.16 - 1.12 K/μL	H
Eosinophils	3.99	0.06 - 1.23 K/μL	H
Basophils	0.02	0.00 - 0.10 K/ μ L	
Platelets	122	148 - 484 K/μL	L
PDW	18.4	9.1 - 19.4 fL	
MPV	15.0	8.7 - 13.2 fL	H
Plateletcrit	0.18	0.14 - 0.46 %	

RBC Run



WBC Run



Monocytosis - consider inflammation (if lymphopenia, consider glucocorticoid response)

Normal PCT-likely adequate platelet mass

Chemistry



3/27/20

2:22 PM

TEST	RESULT	REFERENCE VALUE	
Glucose	97	74 - 143 mg/dL	<div><div></div></div>
Creatinine	1.5	0.5 - 1.8 mg/dL	<div><div></div></div>
BUN	21	7 - 27 mg/dL	<div><div></div></div>
BUN: Creatinine Ratio	14		
Phosphorus	5.1	2.5 - 6.8 mg/dL	<div><div></div></div>
Calcium	10.2	7.9 - 12.0 mg/dL	<div><div></div></div>
Sodium	149	144 - 160 mmol/L	<div><div></div></div>
Potassium	4.3	3.5 - 5.8 mmol/L	<div><div></div></div>
Na: K Ratio	35		
Chloride	112	109 - 122 mmol/L	<div><div></div></div>
Total Protein	7.2	5.2 - 8.2 g/dL	<div><div></div></div>
Albumin	3.3	2.3 - 4.0 g/dL	<div><div></div></div>



BEAR

PET OWNER: **GEORGE**

DATE OF RESULT: **3/27/20**

LAB ID:

Chemistry (continued)

TEST	RESULT	REFERENCE VALUE	
Globulin	3.9	2.5 - 4.5 g/dL	
Albumin: Globulin Ratio	0.8		
ALT	33	10 - 125 U/L	
ALP	53	23 - 212 U/L	
GGT	0	0 - 11 U/L	
Bilirubin - Total	0.4	0.0 - 0.9 mg/dL	
Cholesterol	248	110 - 320 mg/dL	
Amylase	1,633	500 - 1,500 U/L	
Lipase	870	200 - 1,800 U/L	
Osmolality	298	mmol/kg	

Urinalysis



3/27/20 2:19 PM 2:16 PM

TEST	RESULT	REFERENCE VALUE
Collection	Cystocentesis	
Color	Pale Yellow	
Clarity	Clear	
Specific Gravity	1.044	
pH	9.0	
Urine Protein	30	mg/dL
Glucose	neg	
Ketones	neg	
Blood / Hemoglobin	50	Ery/ μ L
Bilirubin	neg	
Urobilinogen	norm	
Leukocyte Esterase	neg	
White Blood Cells	5 /HPF	



BEAR

PET OWNER: **GEORGE**

DATE OF RESULT: **3/27/20**

LAB ID:

Urinalysis (continued)

TEST	RESULT	REFERENCE VALUE
Red Blood Cells	5 /HPF	
Bacteria, Cocci	None detected	
Bacteria, Rods	None detected	
Squamous Epithelial Cells	<1 /HPF	
Non-Squamous Epithelial Cells	3 - 5 /HPF	
Hyaline Casts	None detected	
Non-Hyaline Casts	>1 /LPF	
Calcium Oxalate Dihydrate Crystals	None detected	
Struvite Crystals	None detected	
Ammonium Biurate Crystals	None detected	
Bilirubin Crystals	None detected	
Unclassified Crystals	None detected	

Images



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Confirm all leukocyte results with microscopy

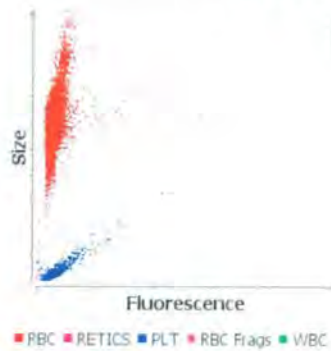
Consider Urine Protein: Creatinine ratio if urine sediment is inactive.

Client: [REDACTED] Christine (12)
 Patient Name: Bryn
 Species: Canine
 Breed:

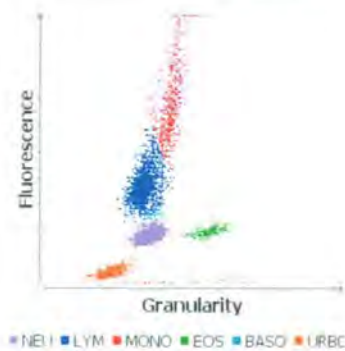
Gender: Female/Spayed
 Weight: 36.50 lbs
 Age: 2 Years
 Doctor: Carey Bonds, DVM

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyt Dx (March 25, 2020 9:52 AM)					
RBC	6.14 M/ μ L	5.65 - 8.87			
HCT	42.4 %	37.3 - 61.7			
HGB	14.9 g/dL	13.1 - 20.5			
MCV	69.1 fL	61.6 - 73.5			
MCH	24.3 pg	21.2 - 25.9			
MCHC	35.1 g/dL	32.0 - 37.9			
RDW	14.5 %	13.6 - 21.7			
%RETIC	0.3 %				
RETIC	16.0 K/ μ L	10.0 - 110.0			
RETIC-HGB	28.9 pg	22.3 - 29.6			
WBC	7.16 K/ μ L	5.05 - 16.76			
%NEU	62.2 %				
%LYM	26.1 %				
%MONO	8.2 %				
%EOS	2.8 %				
%BASO	0.7 %				
NEU	4.45 K/ μ L	2.95 - 11.64			
LYM	1.87 K/ μ L	1.05 - 5.10			
MONO	0.59 K/ μ L	0.16 - 1.12			
EOS	0.20 K/ μ L	0.06 - 1.23			
BASO	0.05 K/ μ L	0.00 - 0.10			
PLT	245 K/ μ L	148 - 484			
MPV	12.7 fL	8.7 - 13.2			
PDW	11.5 fL	9.1 - 19.4			
PCT	0.31 %	0.14 - 0.46			

RBC Run



WBC Run



Client: [REDACTED] Christine (12)
Patient Name: Bryn
Species: Canine
Breed:

Gender: Female/Spayed
Weight: 36.50 lbs
Age: 2 Years
Doctor: Carey Bonds, DVM

Test	Results	Reference Interval	LOW	NORMAL	HIGH
Catalyst Dx (March 25, 2020 10:01 AM)					
GLU	112 mg/dL	74 - 143			
CREA	1.0 mg/dL	0.5 - 1.8			
BUN	15 mg/dL	7 - 27			
BUN/CREA	15				
PHOS	4.6 mg/dL	2.5 - 6.8			
CA	9.4 mg/dL	7.9 - 12.0			
TP	6.8 g/dL	5.2 - 8.2			
ALB	3.2 g/dL	2.3 - 4.0			
GLOB	3.6 g/dL	2.5 - 4.5			
ALB/GLOB	0.9				
ALT	35 U/L	10 - 125			
ALKP	45 U/L	23 - 212			
GGT	0 U/L	0 - 11			
TBIL	0.3 mg/dL	0.0 - 0.9			
CHOL	186 mg/dL	110 - 320			
AMYL	602 U/L	500 - 1500			
LIPA	965 U/L	200 - 1800			
Na	153 mmol/L	144 - 160			
K	3.7 mmol/L	3.5 - 5.8			
Na/K	41				
Cl	112 mmol/L	109 - 122			
Osm Calc	303 mmol/kg				
UA Analyzer (March 25, 2020 7:33 AM)					
Collection	Free Catch				
Color	Pale Yellow				
Clarity	Clear				
Specific Gravity	> 1.050				
pH	6.5				
LEU	100 Leu/ μ L				
PRO	30 mg/dL				
GLU	50 mg/dL				
KET	15 mg/dL				
UBG	8 mg/dL				
BIL	1 mg/dL				
BLD	10 Ery/ μ L				

Confirm all leukocyte results with microscopy

Consider evaluation of Urine Protein: Creatinine ratio.

Confirm all leukocyte results with microscopy

Client: [REDACTED] Christine (12)
Patient Name: Bryn
Species: Canine
Breed:

Gender: Female/Spayed
Weight: 36.50 lbs
Age: 2 Years
Doctor: Carey Bonds, DVM

Test	Results	Reference Interval	LOW	NORMAL	HIGH
SediVue Dx (March 25, 2020 7:36 AM)					8/19/19 2:53 PM
WBC	<1 /HPF				<1 / HPF
RBC	<1 /HPF				<1 / HPF
Bacteria					
Rods	None detected				None to rare
Cocci	None detected				None to rare
EPI					
Squamous	None detected				None to rare
Non-squamous	<1 /HPF				None to rare
Casts					
Hyaline	None detected				None to rare
Non-hyaline	None detected				None to rare
Crystals					
Unclassified	None detected				None to rare
CaOx Di	None detected				None to rare
Struvite	None detected				None to rare
Amm Biurate	None detected				None to rare
Bilirubin	None detected				None to rare





CHUB [REDACTED]

PET OWNER: PAM [REDACTED]
SPECIES: Canine
BREED: [REDACTED]
GENDER: Male
AGE: 5 Years
PATIENT ID: 6098

Trinity Veterinary Hospital
3100 N. Perkins Road
Stillwater, Oklahoma 74075
405-533-0001
ACCOUNT #: [REDACTED]
ATTENDING VET: Carey Bonds, DVM

LAB ID: [REDACTED]
ORDER ID: 5275
DATE OF RECEIPT: 3/24/20
DATE OF RESULT: 3/24/20

IDEXX Services: ProCyte Dx Hematology Analyzer, Catalyst Dx Chemistry Analyzer, SediVue Dx Urine Sediment Analyzer, IDEXX VetLab UA Analyzer

Hematology



3/24/20

9:37 AM

TEST	RESULT	REFERENCE VALUE	
RBC	8.31	5.65 - 8.87 M/ μ L	
Hematocrit	58.8	37.3 - 61.7 %	
Hemoglobin	21.1	13.1 - 20.5 g/dL	H
MCV	70.8	61.6 - 73.5 fL	
MCH	25.4	21.2 - 25.9 pg	
MCHC	35.9	32.0 - 37.9 g/dL	
RDW	18.4	13.6 - 21.7 %	
% Reticulocyte	0.8	%	
Reticulocytes	62.3	10.0 - 110.0 K/ μ L	
Reticulocyte Hemoglobin	30.2	22.3 - 29.6 pg	H
WBC	10.75	5.05 - 16.76 K/ μ L	
% Neutrophils	66.2	%	
% Lymphocytes	18.3	%	
% Monocytes	6.0	%	
% Eosinophils	8.9	%	
% Basophils	0.6	%	
Neutrophils	7.11	2.95 - 11.64 K/ μ L	
Lymphocytes	1.97	1.05 - 5.10 K/ μ L	
Monocytes	0.65	0.16 - 1.12 K/ μ L	
Eosinophils	0.96	0.06 - 1.23 K/ μ L	
Basophils	0.06	0.00 - 0.10 K/ μ L	
Platelets	245	148 - 484 K/ μ L	
PDW	10.9	9.1 - 19.4 fL	
MPV	11.8	8.7 - 13.2 fL	
Plateletcrit	0.29	0.14 - 0.46 %	

RBC Run



WBC Run



Chemistry



3/24/20

9:47 AM

TEST	RESULT	REFERENCE VALUE	
Glucose	92	74 - 143 mg/dL	<div><div></div></div>
Creatinine	1.1	0.5 - 1.8 mg/dL	<div><div></div></div>
BUN	16	7 - 27 mg/dL	<div><div></div></div>
BUN: Creatinine Ratio	15		
Phosphorus	5.0	2.5 - 6.8 mg/dL	<div><div></div></div>
Calcium	9.5	7.9 - 12.0 mg/dL	<div><div></div></div>
Sodium	153	144 - 160 mmol/L	<div><div></div></div>
Potassium	4.8	3.5 - 5.8 mmol/L	<div><div></div></div>
Na: K Ratio	32		
Chloride	115	109 - 122 mmol/L	<div><div></div></div>
Total Protein	7.1	5.2 - 8.2 g/dL	<div><div></div></div>
Albumin	3.3	2.3 - 4.0 g/dL	<div><div></div></div>
Globulin	3.8	2.5 - 4.5 g/dL	<div><div></div></div>
Albumin: Globulin Ratio	0.9		
ALT	21	10 - 125 U/L	<div><div></div></div>



CHUB [REDACTED]

PET OWNER: PAM [REDACTED]

DATE OF RESULT 3/24/20

LAB ID:

Chemistry (continued)

TEST	RESULT	REFERENCE VALUE	
ALP	28	23 - 212 U/L	
GGT	1	0 - 11 U/L	
Bilirubin - Total	0.3	0.0 - 0.9 mg/dL	
Cholesterol	229	110 - 320 mg/dL	
Amylase	741	500 - 1,500 U/L	
Lipase	994	200 - 1,800 U/L	
Osmolality	304	mmol/kg	

Urinalysis

3/24/20 9:38 AM 9:36 AM

TEST	RESULT	REFERENCE VALUE
Collection	Catheter	
Color	Pale Yellow	
Clarity	Clear	
Specific Gravity	1.048	
pH	6.5	
Urine Protein	30	mg/dL
Glucose	neg	
Ketones	neg	
Blood / Hemoglobin	25	Ery/ μ L
Bilirubin	1	mg/dL
Urobilinogen	1	mg/dL
Leukocyte Esterase	100	Leu/ μ L
White Blood Cells	1 /HPF	
Red Blood Cells	1 /HPF	
Bacteria, Cocci	None detected	
Bacteria, Rods	None detected	



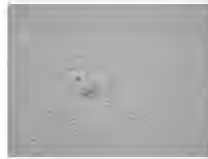
Urinalysis (continued)

TEST	RESULT	REFERENCE VALUE
Squamous Epithelial Cells	None detected	
Non-Squamous Epithelial Cells	3 - 5 /HPF	
Hyaline Casts	None detected	
Non-Hyaline Casts	None detected	
Calcium Oxalate Dihydrate Crystals	None detected	
Struvite Crystals	None detected	
Ammonium Biurate Crystals	None detected	
Bilirubin Crystals	None detected	
Unclassified Crystals	None detected	

Images



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Confirm all leukocyte results with microscopy
Consider evaluation of Urine Protein: Creatinine ratio.



DUKE [REDACTED]

PET OWNER: PAM [REDACTED]
SPECIES: Canine
BREED:
GENDER: Male
AGE: 1 Years
PATIENT ID: 6099

Trinity Veterinary Hospital
3100 N. Perkins Road
Stillwater, Oklahoma 74075
405-533-0001
ACCOUNT #:
ATTENDING VET: Carey Bonds, DVM

LAB ID:
ORDER ID: 5274
DATE OF RECEIPT: 3/24/20
DATE OF RESULT: 3/24/20

IDEXX Services: ProCyt Dx Hematology Analyzer, Catalyst Dx Chemistry Analyzer, SediVue Dx Urine Sediment Analyzer, IDEXX VetLab UA Analyzer

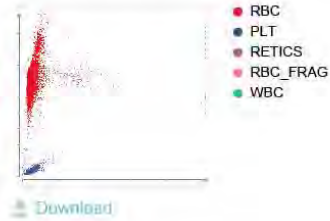
Hematology



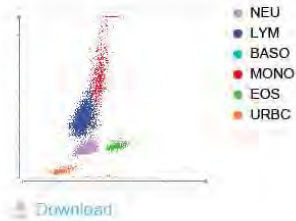
3/24/20 9:25 AM

TEST	RESULT	REFERENCE VALUE	
RBC	7.59	5.65 - 8.87 M/ μ L	
Hematocrit	50.1	37.3 - 61.7 %	
Hemoglobin	17.7	13.1 - 20.5 g/dL	
MCV	66.0	61.6 - 73.5 fL	
MCH	23.3	21.2 - 25.9 pg	
MCHC	35.3	32.0 - 37.9 g/dL	
RDW	17.1	13.6 - 21.7 %	
% Reticulocyte	0.9	%	
Reticulocytes	67.6	10.0 - 110.0 K/ μ L	
Reticulocyte Hemoglobin	27.3	22.3 - 29.6 pg	
WBC	11.26	5.05 - 16.76 K/ μ L	
% Neutrophils	47.5	%	
% Lymphocytes	40.9	%	
% Monocytes	7.3	%	
% Eosinophils	4.2	%	
% Basophils	0.1	%	
Neutrophils	5.36	2.95 - 11.64 K/ μ L	
Lymphocytes	4.60	1.05 - 5.10 K/ μ L	
Monocytes	0.82	0.16 - 1.12 K/ μ L	
Eosinophils	0.47	0.06 - 1.23 K/ μ L	
Basophils	0.01	0.00 - 0.10 K/ μ L	
Platelets	246	148 - 484 K/ μ L	
PDW	10.6	9.1 - 19.4 fL	
MPV	11.7	8.7 - 13.2 fL	
Plateletcrit	0.29	0.14 - 0.46 %	

RBC Run



WBC Run



Chemistry


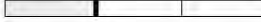


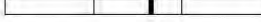


3/24/20

9:33 AM

TEST	RESULT	REFERENCE VALUE	
Glucose	105	74 - 143 mg/dL	<div><div></div></div>
Creatinine	1.4	0.5 - 1.8 mg/dL	<div><div></div></div>
BUN	23	7 - 27 mg/dL	<div><div></div></div>
BUN: Creatinine Ratio	16		
Phosphorus	6.5	2.5 - 6.8 mg/dL	<div><div></div></div>
Calcium	10.6	7.9 - 12.0 mg/dL	<div><div></div></div>
Sodium	152	144 - 160 mmol/L	<div><div></div></div>
Potassium	5.4	3.5 - 5.8 mmol/L	<div><div></div></div>
Na: K Ratio	28		
Chloride	114	109 - 122 mmol/L	<div><div></div></div>
Total Protein	6.7	5.2 - 8.2 g/dL	<div><div></div></div>
Albumin	3.5	2.3 - 4.0 g/dL	<div><div></div></div>
Globulin	3.2	2.5 - 4.5 g/dL	<div><div></div></div>
Albumin: Globulin Ratio	1.1		
ALT	22	10 - 125 U/L	<div><div></div></div>

Chemistry (continued)

TEST	RESULT	REFERENCE VALUE	
ALP	74	23 - 212 U/L	
GGT	0	0 - 11 U/L	
Bilirubin - Total	0.2	0.0 - 0.9 mg/dL	
Cholesterol	256	110 - 320 mg/dL	
Amylase	778	500 - 1,500 U/L	
Lipase	1,219	200 - 1,800 U/L	
Osmolality	307	mmol/kg	

Urinalysis



3/24/20 9:34 AM 9:32 AM

TEST	RESULT
Collection	Catheter
Color	Straw
Clarity	Clear
Specific Gravity	1.029
pH	7.0
Urine Protein	neg
Glucose	neg
Ketones	neg
Blood / Hemoglobin	neg
Bilirubin	neg
Urobilinogen	norm
Leukocyte Esterase	neg
White Blood Cells	<1 /HPF
Red Blood Cells	<1 /HPF
Bacteria, Cocci	None detected



Urinalysis (continued)

TEST	RESULT
Bacteria, Rods	None detected
Squamous Epithelial Cells	None detected
Non-Squamous Epithelial Cells	3 - 5 /HPF
Hyaline Casts	None detected
Non-Hyaline Casts	None detected
Calcium Oxalate Dihydrate Crystals	None detected
Struvite Crystals	None detected
Ammonium Biurate Crystals	None detected
Bilirubin Crystals	None detected
Unclassified Crystals	None detected

Images



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Confirm all leukocyte results with microscopy



ELLIE [REDACTED]

PET OWNER: JODI [REDACTED]
SPECIES: Canine
BREED:
GENDER: Female Spayed
AGE: 1 Years
PATIENT ID: 5806

Trinity Veterinary Hospital
3100 N. Perkins Road
Stillwater, Oklahoma 74075
405-533-0001
ACCOUNT #:
ATTENDING VET: Kent Williams, DVM

LAB ID:
ORDER ID: 5289
DATE OF RECEIPT: 3/26/20
DATE OF RESULT: 3/26/20

IDEXX Services: ProCyt Dx Hematology Analyzer, Catalyst Dx Chemistry Analyzer, SediVue Dx Urine Sediment Analyzer, IDEXX VetLab UA Analyzer

Hematology



3/26/20

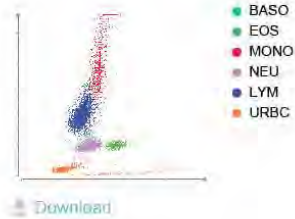
3:04 PM

TEST	RESULT	REFERENCE VALUE	
RBC	7.78	5.65 - 8.87 M/ μ L	
Hematocrit	53.3	37.3 - 61.7 %	
Hemoglobin	18.8	13.1 - 20.5 g/dL	
MCV	68.5	61.6 - 73.5 fL	
MCH	24.2	21.2 - 25.9 pg	
MCHC	35.3	32.0 - 37.9 g/dL	
RDW	15.8	13.6 - 21.7 %	
% Reticulocyte	0.3	%	
Reticulocytes	24.9	10.0 - 110.0 K/ μ L	
Reticulocyte Hemoglobin	28.7	22.3 - 29.6 pg	
WBC	9.73	5.05 - 16.76 K/ μ L	
% Neutrophils	55.8	%	
% Lymphocytes	32.2	%	
% Monocytes	7.1	%	
% Eosinophils	4.4	%	
% Basophils	0.5	%	
Neutrophils	5.43	2.95 - 11.64 K/ μ L	
Lymphocytes	3.13	1.05 - 5.10 K/ μ L	
Monocytes	0.69	0.16 - 1.12 K/ μ L	
Eosinophils	0.43	0.06 - 1.23 K/ μ L	
Basophils	0.05	0.00 - 0.10 K/ μ L	
Platelets	207	148 - 484 K/ μ L	
PDW	11.6	9.1 - 19.4 fL	
MPV	13.0	8.7 - 13.2 fL	
Plateletcrit	0.27	0.14 - 0.46 %	

RBC Run



WBC Run



Chemistry



3/26/20

3:12 PM

TEST	RESULT	REFERENCE VALUE	
Glucose	94	74 - 143 mg/dL	<div><div></div></div>
Creatinine	1.2	0.5 - 1.8 mg/dL	<div><div></div></div>
BUN	21	7 - 27 mg/dL	<div><div></div></div>
BUN: Creatinine Ratio	18		
Phosphorus	5.5	2.5 - 6.8 mg/dL	<div><div></div></div>
Calcium	10.3	7.9 - 12.0 mg/dL	<div><div></div></div>
Sodium	152	144 - 160 mmol/L	<div><div></div></div>
Potassium	4.2	3.5 - 5.8 mmol/L	<div><div></div></div>
Na: K Ratio	36		
Chloride	116	109 - 122 mmol/L	<div><div></div></div>
Total Protein	6.6	5.2 - 8.2 g/dL	<div><div></div></div>
Albumin	3.3	2.3 - 4.0 g/dL	<div><div></div></div>
Globulin	3.3	2.5 - 4.5 g/dL	<div><div></div></div>
Albumin: Globulin Ratio	1.0		
ALT	<10	10 - 125 U/L	<div><div></div></div>

Chemistry (continued)

TEST	RESULT	REFERENCE VALUE	
ALP	32	23 - 212 U/L	
GGT	1	0 - 11 U/L	
Bilirubin - Total	0.3	0.0 - 0.9 mg/dL	
Cholesterol	248	110 - 320 mg/dL	
Amylase	563	500 - 1,500 U/L	
Lipase	868	200 - 1,800 U/L	
Osmolality	---	mmol/kg	

Urinalysis



3/26/20 3:09 PM 3:05 PM

TEST	RESULT	REFERENCE VALUE
Collection	Cystocentesis	
Color	Pale Yellow	
Clarity	Clear	
Specific Gravity	> 1.050	
pH	6.5	
Urine Protein	neg	
Glucose	neg	
Ketones	15	mg/dL
Blood / Hemoglobin	neg	
Bilirubin	1	mg/dL
Urobilinogen	4	mg/dL
Leukocyte Esterase	neg	
White Blood Cells	<1 /HPF	
Red Blood Cells	<1 /HPF	
Bacteria, Cocci	None detected	
Bacteria, Rods	None detected	



ELLIE

PET OWNER: JODI

DATE OF RESULT: 3/26/20

LAB ID:

Urinalysis (continued)

TEST	RESULT	REFERENCE VALUE
Squamous Epithelial Cells	None detected	
Non-Squamous Epithelial Cells	<1 /HPF	
Hyaline Casts	None detected	
Non-Hyaline Casts	None detected	
Calcium Oxalate Dihydrate Crystals	None detected	
Struvite Crystals	None detected	
Ammonium Biurate Crystals	None detected	
Bilirubin Crystals	None detected	
Unclassified Crystals	None detected	

Images



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Confirm all leukocyte results with microscopy



LUCY [REDACTED]

RET OWNER: **KIM** [REDACTED]
SPECIES: Canine
BREED:
GENDER: Female
AGE: 6 Years
PATIENT ID: 6094

Trinity Veterinary Hospital
3100 N. Perkins Road
Stillwater, Oklahoma 74075
405-533-0001
ACCOUNT #:
ATTENDING VET: Carey Bonds, DVM

LAB ID:
ORDER ID: 5280
DATE OF RECEIPT: 3/25/20
DATE OF RESULT: 3/25/20

IDEXX Services: ProCyt Dx Hematology Analyzer, Catalyst Dx Chemistry Analyzer, SediVue Dx Urine Sediment Analyzer, IDEXX VetLab UA Analyzer

Hematology



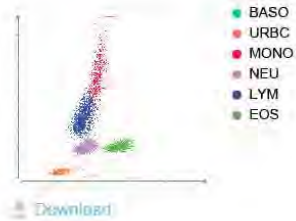
3/25/20 8:52 AM

TEST	RESULT	REFERENCE VALUE	
RBC	7.52	5.65 - 8.87 M/ μ L	
Hematocrit	47.2	37.3 - 61.7 %	
Hemoglobin	16.5	13.1 - 20.5 g/dL	
MCV	62.8	61.6 - 73.5 fL	
MCH	21.9	21.2 - 25.9 pg	
MCHC	35.0	32.0 - 37.9 g/dL	
RDW	16.8	13.6 - 21.7 %	
% Reticulocyte	0.2	%	
Reticulocytes	18.0	10.0 - 110.0 K/ μ L	
Reticulocyte Hemoglobin	23.5	22.3 - 29.6 pg	
WBC	8.38	5.05 - 16.76 K/ μ L	
% Neutrophils	59.8	%	
% Lymphocytes	19.3	%	
% Monocytes	6.7	%	
% Eosinophils	14.0	%	
% Basophils	0.2	%	
Neutrophils	5.01	2.95 - 11.64 K/ μ L	
Lymphocytes	1.62	1.05 - 5.10 K/ μ L	
Monocytes	0.56	0.16 - 1.12 K/ μ L	
Eosinophils	1.17	0.06 - 1.23 K/ μ L	
Basophils	0.02	0.00 - 0.10 K/ μ L	
Platelets	157	148 - 484 K/ μ L	
PDW	12.8	9.1 - 19.4 fL	
MPV	13.2	8.7 - 13.2 fL	
Plateletcrit	0.21	0.14 - 0.46 %	

RBC Run



WBC Run



Chemistry



3/25/20

9:05 AM

TEST	RESULT	REFERENCE VALUE	
Glucose	128	74 - 143 mg/dL	<div><div></div></div>
Creatinine	1.2	0.5 - 1.8 mg/dL	<div><div></div></div>
BUN	13	7 - 27 mg/dL	<div><div></div></div>
BUN: Creatinine Ratio	11		
Phosphorus	3.6	2.5 - 6.8 mg/dL	<div><div></div></div>
Calcium	9.6	7.9 - 12.0 mg/dL	<div><div></div></div>
Sodium	152	144 - 160 mmol/L	<div><div></div></div>
Potassium	4.1	3.5 - 5.8 mmol/L	<div><div></div></div>
Na: K Ratio	37		
Chloride	117	109 - 122 mmol/L	<div><div></div></div>
Total Protein	6.6	5.2 - 8.2 g/dL	<div><div></div></div>
Albumin	3.2	2.3 - 4.0 g/dL	<div><div></div></div>
Globulin	3.4	2.5 - 4.5 g/dL	<div><div></div></div>
Albumin: Globulin Ratio	0.9		
ALT	42	10 - 125 U/L	<div><div></div></div>

Chemistry (continued)

TEST	RESULT	REFERENCE VALUE	
ALP	60	23 - 212 U/L	
GGT	2	0 - 11 U/L	
Bilirubin - Total	0.1	0.0 - 0.9 mg/dL	
Cholesterol	166	110 - 320 mg/dL	
Amylase	724	500 - 1,500 U/L	
Lipase	1,121	200 - 1,800 U/L	
Osmolality	302	mmol/kg	

Urinalysis



3/25/20 8:43 AM 8:40 AM

TEST	RESULT	REFERENCE VALUE
Collection	Free Catch	
Color	Pale Yellow	
Clarity	Clear	
Specific Gravity	1.044	
pH	7.0	
Urine Protein	30	mg/dL
Glucose	50	mg/dL
Ketones	15	mg/dL
Blood / Hemoglobin	250	Ery/ μ L
Bilirubin	1	mg/dL
Urobilinogen	4	mg/dL
Leukocyte Esterase	500	Leu/ μ L
White Blood Cells	>50 /HPF	
Red Blood Cells	>50 /HPF	
Bacteria, Cocci	None detected	
Bacteria, Rods	Suspect presence*	
Squamous Epithelial Cells	None detected	



LUCY

PET OWNER: KIM

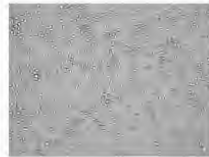
DATE OF RESULT: 3/25/20

LAB ID:

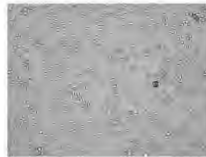
Urinalysis (continued)

TEST	RESULT	REFERENCE VALUE
Non-Squamous Epithelial Cells	3 - 5 /HPF	
Hyaline Casts	None detected	
Non-Hyaline Casts	None detected	
Calcium Oxalate Dihydrate Crystals	None detected	
Struvite Crystals	None detected	
Ammonium Biurate Crystals	None detected	
Bilirubin Crystals	None detected	
Unclassified Crystals	<1 /HPF	

Images



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Confirm bacteria with one of the following:
Image review
Air-dried, stained cytological preparation ('dry prep')
Urine culture

Confirm all leukocyte results with microscopy

Consider re-evaluation of proteinuria after resolution of active sediment.



ROMAN [REDACTED]

PET OWNER: KIM [REDACTED]
SPECIES: Canine
BREED:
GENDER: Male
AGE: 6 Years
PATIENT ID: 6095

Trinity Veterinary Hospital
3100 N. Perkins Road
Stillwater, Oklahoma 74075
405-533-0001
ACCOUNT #:
ATTENDING VET: Carey Bonds, DVM

LAB ID:
ORDER ID: 5281
DATE OF RECEIPT: 3/25/20
DATE OF RESULT: 3/25/20

IDEXX Services: ProCyt Dx Hematology Analyzer, Catalyst Dx Chemistry Analyzer, SediVue Dx Urine Sediment Analyzer, IDEXX VetLab UA Analyzer

Hematology



3/25/20 8:34 AM

TEST	RESULT	REFERENCE VALUE	
RBC	6.83	5.65 - 8.87 M/ μ L	
Hematocrit	44.7	37.3 - 61.7 %	
Hemoglobin	15.9	13.1 - 20.5 g/dL	
MCV	65.4	61.6 - 73.5 fL	
MCH	23.3	21.2 - 25.9 pg	
MCHC	35.6	32.0 - 37.9 g/dL	
RDW	17.6	13.6 - 21.7 %	
% Reticulocyte	0.1	%	
Reticulocytes	9.6	10.0 - 110.0 K/ μ L	L
Reticulocyte Hemoglobin	25.4	22.3 - 29.6 pg	
WBC	11.10	5.05 - 16.76 K/ μ L	
% Neutrophils	33.3	%	
% Lymphocytes	24.3	%	
% Monocytes	5.0	%	
% Eosinophils	33.8	%	
% Basophils	3.6	%	
Neutrophils	3.69	2.95 - 11.64 K/ μ L	
Lymphocytes	2.70	1.05 - 5.10 K/ μ L	
Monocytes	0.56	0.16 - 1.12 K/ μ L	
Eosinophils	3.75	0.06 - 1.23 K/ μ L	H
Basophils	0.40	0.00 - 0.10 K/ μ L	H
Platelets	154	148 - 484 K/ μ L	
PDW	14.3	9.1 - 19.4 fL	
MPV	13.7	8.7 - 13.2 fL	H
Plateletcrit	0.21	0.14 - 0.46 %	



ROMAN

PET OWNER: KIM

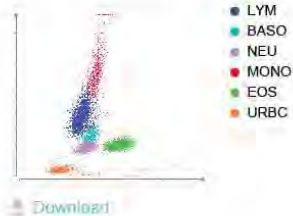
DATE OF RESULT: 3/25/20

LAB ID:

RBC Run



WBC Run



Chemistry



3/25/20

8:42 AM

TEST	RESULT	REFERENCE VALUE	
Glucose	107	74 - 143 mg/dL	<div><div></div></div>
Creatinine	1.1	0.5 - 1.8 mg/dL	<div><div></div></div>
BUN	10	7 - 27 mg/dL	<div><div></div></div>
BUN: Creatinine Ratio	9		
Phosphorus	4.1	2.5 - 6.8 mg/dL	<div><div></div></div>
Calcium	9.4	7.9 - 12.0 mg/dL	<div><div></div></div>
Sodium	153	144 - 160 mmol/L	<div><div></div></div>
Potassium	4.2	3.5 - 5.8 mmol/L	<div><div></div></div>
Na: K Ratio	36		
Chloride	114	109 - 122 mmol/L	<div><div></div></div>
Total Protein	7.7	5.2 - 8.2 g/dL	<div><div></div></div>
Albumin	3.2	2.3 - 4.0 g/dL	<div><div></div></div>
Globulin	4.5	2.5 - 4.5 g/dL	<div><div></div></div>
Albumin: Globulin Ratio	0.7		
ALT	28	10 - 125 U/L	<div><div></div></div>


ROMAN

 PET OWNER: **KIM**

 DATE OF RESULT: **3/25/20**

LAB ID:

Chemistry (continued)

TEST	RESULT	REFERENCE VALUE	
ALP	48	23 - 212 U/L	
GGT	0	0 - 11 U/L	
Bilirubin - Total	0.2	0.0 - 0.9 mg/dL	
Cholesterol	109	110 - 320 mg/dL	L
Amylase	728	500 - 1,500 U/L	
Lipase	1,072	200 - 1,800 U/L	
Osmolality	302	mmol/kg	

Urinalysis


3/25/20 8:32 AM 8:27 AM

TEST	RESULT	REFERENCE VALUE
Collection	Free Catch	
Color	Pale Yellow	
Clarity	Clear	
Specific Gravity	1.043	
pH	6.5	
Urine Protein	neg	
Glucose	neg	
Ketones	neg	
Blood / Hemoglobin	neg	
Bilirubin	1	mg/dL
Urobilinogen	1	mg/dL
Leukocyte Esterase	100	Leu/ μ L
White Blood Cells	4 /HPF	
Red Blood Cells	2 /HPF	
Bacteria, Cocci	None detected	
Bacteria, Rods	None detected	



ROMAN

PET OWNER: KIM

DATE OF RESULT: 3/25/20

LAB ID:

Urinalysis (continued)

TEST	RESULT	REFERENCE VALUE
Squamous Epithelial Cells	None detected	
Non-Squamous Epithelial Cells	<1 /HPF	
Hyaline Casts	None detected	
Non-Hyaline Casts	None detected	
Calcium Oxalate Dihydrate Crystals	None detected	
Struvite Crystals	None detected	
Ammonium Biurate Crystals	None detected	
Bilirubin Crystals	None detected	
Unclassified Crystals	None detected	

Images



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Confirm all leukocyte results with microscopy

Detailed Lab Results

Client: 3140 Camille [REDACTED]	Phone: (405) 625-8041		
Patient: 4561	Patient: Bean	Sex: Neutered Male	Age: 1 Yrs. 7 Mos.
Species: Canine	Breed: Terrier, Yorkie-poo	Weight: 10.5 pounds	

Lab ID: INCLINIC IDEXX VetLab In-clinic Laboratory
Template: FECAL FLOTATION
Staff: Carey L. Bonds, DVM
Status: Posted
Req ID: 0 - Friday 3/27/2020 08:06:52

Test	Results	Reference Range	Low	Normal	High
RESULTS	= nos				
Lab Comments: Manually entered.					

Detailed Lab Results

Client: 4145 George [REDACTED]	Phone: (405) 269-3408		
Patient: 6110	Patient: Bear	Sex: Neutered Male	Age: 1 Yrs. 7 Mos.
Species: Canine	Breed: Great Pyrenees Mix	Weight: 81.6 pounds	

Lab ID: INCLINIC IDEXX VetLab In-clinic Laboratory
Template: FECAL FLOTATION
Staff: Kent Williams, DVM
Status: Posted
Req ID: 0 - Friday 4/3/2020 14:17:09

Test	Results	Reference Range	Low	Normal	High
RESULTS	= pos				
HOOKWORMS	= pos				

Lab Comments: Manually entered.

Detailed Lab Results

Client: 12 Christine [REDACTED]	Phone: (631) 804-2570		
Patient: 3305	Patient: Bryn	Sex: Spayed Female	Age: 2 Yrs. 8 Mos.
Species: Canine	Breed: Collie, Border	Weight: 40 pounds	

Lab ID: INCLINIC IDEXX VetLab In-clinic Laboratory
Template: FECAL FLOTATION
Staff: Carey L. Bonds, DVM
Status: Posted
Req ID: 0 - Friday 3/27/2020 08:07:17

Test	Results	Reference Range	Low	Normal	High
RESULTS	= nos				
Lab Comments: Manually entered.					

Detailed Lab Results

Client: 4138 Pam [REDACTED]	Phone: (580) 736-4599		
Patient: 6098	Patient: Chub	Sex: Male	Age: 5 Yrs. 0 Mos.
Species: Canine	Breed: Bulldog, English	Weight: 57 pounds	

Lab ID: INCLINIC IDEXX VetLab In-clinic Laboratory
Template: FECAL FLOTATION
Staff: Carey L. Bonds, DVM
Status: Posted
Req ID: 0 - Friday 3/27/2020 08:07:41

Test	Results	Reference Range	Low	Normal	High
RESULTS	= nos				

Lab Comments: Manually entered

Detailed Lab Results

Client: 4138 Pam [REDACTED]	Phone: (580) 736-4599		
Patient: 6099	Patient: Duke	Sex: Male	Age: 1 Yrs. 0 Mos.
Species: Canine	Breed: Retriever, Labrador	Weight: 89 pounds	

Lab ID: INCLINIC IDEXX VetLab In-clinic Laboratory
Template: FECAL FLOTATION
Staff: Carey L. Bonds, DVM
Status: Posted
Req ID: 0 - Friday 3/27/2020 08:08:00

Test	Results	Reference Range	Low	Normal	High
RESULTS	= nos				
Lab Comments: Manually entered					

Detailed Lab Results

Client: 4136		Phone: (405) 269-9796
Patient: 5806	Patient: Ellie	Sex: Spayed Female
Species: Canine	Breed: Goldendoodle	Age: 1 Yrs, 6 Mos.
		Weight: 47 pounds

Lab ID: INCLINIC IDEXX VetLab In-clinic Laboratory
Template: FECAL FLOTATION
Staff: Carey L. Bonds, DVM
Status: Posted
Req ID: 0 - Friday 3/27/2020 08:09:02

Test	Results	Reference Range	Low	Normal	High
RESULTS	= nos				

Lab Comments: Manually entered.

Detailed Lab Results

Client: 4141 Kim [REDACTED]	Phone: (405) 269-2269		
Patient: 6094	Patient: Lucy	Sex: Female	Age: 6 Yrs. 0 Mos.
Species: Canine	Breed: Great Pyrenees Mix	Weight: 94.5 pounds	

Lab ID: INCLINIC IDEXX VetLab In-clinic Laboratory
Template: FECAL FLOTATION
Staff: Carey L. Bonds, DVM
Status: Posted
Req ID: 0 - Friday 3/27/2020 08:08:26

Test	Results	Reference Range	Low	Normal	High
RESULTS	= nos				

Lab Comments: Manually entered.

Detailed Lab Results

Client: 4141 Kim [REDACTED]	Phone: (405) 269-2269		
Patient: 6095	Patient: Roman	Sex: Male	Age: 6 Yrs. 0 Mos.
Species: Canine	Breed: Great Pyrenees Mix	Weight: 111 pounds	

Lab ID: INCLINIC IDEXX VetLab In-clinic Laboratory
Template: FECAL FLOTATION
Staff: Carey L. Bonds, DVM
Status: Posted
Req ID: 0 - Friday 3/27/2020 08:08:47

Test	Results	Reference Range	Low	Normal	High
RESULTS	= nos				
Lab Comments: Manually entered.					



BEAN PETMECH

PET OWNER: PETMECH PETMECH
SPECIES: Canine
BREED:
GENDER: Male Neutered
AGE: 1 Years
PATIENT ID: 4561

Trinity Veterinary Hospital
3100 N. Perkins Road
Stillwater, Oklahoma 74075
405-533-0001
ACCOUNT #:
ATTENDING VET: Carey Bonds, DVM

LAB ID:
ORDER ID: 5434
DATE OF RECEIPT: 5/1/20
DATE OF RESULT: 5/1/20

IDEXX Services: SediVue Dx Urine Sediment Analyzer, IDEXX VetLab UA Analyzer

Urinalysis



5/1/20

5:31 PM

5:28 PM

TEST	RESULT	REFERENCE RANGE
Collection	Free Catch	
Color	Pale Yellow	
Clarity	Slightly Cloudy	
Specific Gravity	> 1.050	
pH	6.5	
Urine Protein	30	mg/dL
Glucose	neg	
Ketones	15	mg/dL
Blood / Hemoglobin	10	Ery/ μ L
Bilirubin	3	mg/dL
Urobilinogen	8	mg/dL
Leukocyte Esterase	500	Leu/ μ L
White Blood Cells	21 /HPF	
Red Blood Cells	7 /HPF	
Bacteria, Cocci	* Suspect presence	
Bacteria, Rods	* None detected	
Squamous Epithelial Cells	1 - 2 /HPF	
Non-Squamous Epithelial Cells	1 - 2 /HPF	



Urinalysis (continued)

TEST	RESULT	REFERENCE VALUE
Hyaline Casts	Suspect presence	
Non-Hyaline Casts	None detected	
Calcium Oxalate Dihydrate Crystals	None detected	
Struvite Crystals	None detected	
Ammonium Biurate Crystals	None detected	
Bilirubin Crystals	None detected	
Unclassified Crystals	None detected	

Images



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Confirm bacteria with one of the following:
 Image review
 Air-dried, stained cytological preparation ('dry prep')
 Urine culture

Confirm all leukocyte results with microscopy

Consider re-evaluation of proteinuria after resolution of active sediment.



BEAN [REDACTED]

PET OWNER: CAMILLE [REDACTED]
 SPECIES: Canine
 BREED:
 GENDER: Male Neutered
 AGE: 1 Years
 PATIENT ID: 4561

Trinity Veterinary Hospital
 3100 N. Perkins Road
 Stillwater, Oklahoma 74075
 405-533-0001
 ACCOUNT #:
 ATTENDING VET: Carey Bonds, DVM

LAB ID:
 ORDER ID: 5388
 DATE OF RECEIPT: 4/25/20
 DATE OF RESULT: 4/25/20

IDEXX Services: ProCyt Dx Hematology Analyzer, Catalyst Dx Chemistry Analyzer

Hematology



4/25/20

11:09 AM



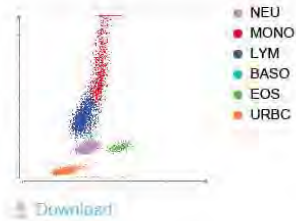
3/24/20
 5:34 PM

TEST	RESULT	REFERENCE VALUE		
RBC	6.83	5.65 - 8.87 M/ μ L		7.13
Hematocrit	50.0	37.3 - 61.7 %		52.6
Hemoglobin	18.1	13.1 - 20.5 g/dL		18.9
MCV	73.2	61.6 - 73.5 fL		73.8
MCH	26.5	21.2 - 25.9 pg	H	26.5
MCHC	36.2	32.0 - 37.9 g/dL		35.9
RDW	14.8	13.6 - 21.7 %		14.5
% Reticulocyte	0.5	%		0.9
Reticulocytes	32.1	10.0 - 110.0 K/ μ L		62.0
Reticulocyte Hemoglobin	32.1	22.3 - 29.6 pg	H	31.5
WBC	10.83	5.05 - 16.76 K/ μ L		12.36
% Neutrophils	56.4	%		77.5
% Lymphocytes	26.9	%		14.3
% Monocytes	13.0	%		6.1
% Eosinophils	3.4	%		1.5
% Basophils	0.3	%		0.6
Neutrophils	6.11	2.95 - 11.64 K/ μ L		9.58
Lymphocytes	2.91	1.05 - 5.10 K/ μ L		1.77
Monocytes	1.41	0.16 - 1.12 K/μL	H	0.75
Eosinophils	0.37	0.06 - 1.23 K/ μ L		0.18
Basophils	0.03	0.00 - 0.10 K/ μ L		0.08
Platelets	226	148 - 484 K/ μ L		230
PDW	13.2	9.1 - 19.4 fL		11.4
MPV	13.2	8.7 - 13.2 fL		12.5
Plateletcrit	0.30	0.14 - 0.46 %		0.29

RBC Run



WBC Run



Monocytosis - consider inflammation (if lymphopenia, consider glucocorticoid response)

Increased MCHC or MCH-consider hemolysis (including sample collection/handling), lipemia, Heinz bodies, and agglutination

Chemistry

4/25/20	11:24 AM			3/24/20 5:42 PM
TEST	RESULT	REFERENCE VALUE		
Glucose	100	74 - 143 mg/dL		101
Creatinine	1.0	0.5 - 1.8 mg/dL		1.1
BUN	17	7 - 27 mg/dL		24
BUN: Creatinine Ratio	17			22
Phosphorus	4.4	2.5 - 6.8 mg/dL		2.3
Calcium	9.9	7.9 - 12.0 mg/dL		9.8
Total Protein	7.1	5.2 - 8.2 g/dL		6.9
Albumin	3.4	2.3 - 4.0 g/dL		3.4
Globulin	3.7	2.5 - 4.5 g/dL		3.5
Albumin: Globulin Ratio	0.9			1.0

**BEAN** [REDACTED]PET OWNER: **CAMILLE** [REDACTED]DATE OF RESULT: **4/25/20**

LAB ID:

Chemistry (continued)

TEST	RESULT	REFERENCE VALUE		
ALT	18	10 - 125 U/L		33
ALP	29	23 - 212 U/L		54
GGT	0	0 - 11 U/L		4
Bilirubin - Total	0.2	0.0 - 0.9 mg/dL		0.2
Cholesterol	179	110 - 320 mg/dL		178
Amylase	448	500 - 1,500 U/L	L	449
Lipase	643	200 - 1,800 U/L		758



BEAR [REDACTED]

PET OWNER: **GEORGE** [REDACTED]
 SPECIES: Canine
 BREED:
 GENDER: Male Neutered
 AGE: 1 Years
 PATIENT ID: 6110

Trinity Veterinary Hospital
 3100 N. Perkins Road
 Stillwater, Oklahoma 74075
 405-533-0001
 ACCOUNT #:
 ATTENDING VET: Kent Williams, DVM

LAB ID:
 ORDER ID: 5407
 DATE OF RECEIPT: **4/28/20**
 DATE OF RESULT: **4/28/20**

IDEXX Services: ProCyt Dx Hematology Analyzer, Catalyst Dx Chemistry Analyzer, SediVue Dx Urine Sediment Analyzer, IDEXX VetLab UA Analyzer

Hematology

4/28/20		2:43 PM		3/27/20	
				2:13 PM	
TEST	RESULT	REFERENCE VALUE			
RBC	7.50	5.65 - 8.87 M/ μ L		7.21	
Hematocrit	48.3	37.3 - 61.7 %		47.1	
Hemoglobin	17.5	13.1 - 20.5 g/dL		16.9	
MCV	64.4	61.6 - 73.5 fL		65.3	
MCH	23.3	21.2 - 25.9 pg		23.4	
MCHC	36.2	32.0 - 37.9 g/dL		35.9	
RDW	17.9	13.6 - 21.7 %		16.4	
% Reticulocyte	1.0	%		0.9	
Reticulocytes	75.0	10.0 - 110.0 K/ μ L		63.4	
Reticulocyte Hemoglobin	27.2	22.3 - 29.6 pg		27.4	
WBC	22.49	5.05 - 16.76 K/ μ L	H	18.01	
% Neutrophils	*38.4	%		47.1	
% Lymphocytes	20.9	%		22.0	
% Monocytes	6.4	%		8.6	
% Eosinophils	*34.2	%		22.2	
% Basophils	0.1	%		0.1	
Neutrophils	*8.66	2.95 - 11.64 K/ μ L		8.48	
Lymphocytes	4.69	1.05 - 5.10 K/ μ L		3.97	
Monocytes	1.43	0.16 - 1.12 K/ μ L	H	1.55	
Eosinophils	*7.69	0.06 - 1.23 K/ μ L	H	3.99	
Basophils	0.02	0.00 - 0.10 K/ μ L		0.02	
Platelets	*147	148 - 484 K/ μ L	L	122	
PDW	- --	9.1 - 19.4 fL		18.4	
MPV	16.2	8.7 - 13.2 fL	H	15.0	
Plateletcrit	0.24	0.14 - 0.46 %		0.18	

RBC Run



- RETICS
- RBC_FRAG
- WBC
- RBC
- PLT

Download

WBC Run



- MONO
- EOS
- LYM
- URBC
- NEU
- BASO

Download

• Confirm with dot plot and/or blood film review.

Monocytosis - consider inflammation (if lymphopenia, consider glucocorticoid response)

Normal PCT-likely adequate platelet mass

Chemistry



4/28/20

2:49 PM

3/27/20
2:22 PM

TEST	RESULT	REFERENCE VALUE		
Glucose	98	74 - 143 mg/dL	<div><div></div></div>	97
Creatinine	1.9	0.5 - 1.8 mg/dL	H <div><div></div></div>	1.5
BUN	20	7 - 27 mg/dL	<div><div></div></div>	21
BUN: Creatinine Ratio	11			14
Phosphorus	6.0	2.5 - 6.8 mg/dL	<div><div></div></div>	5.1
Calcium	10.2	7.9 - 12.0 mg/dL	<div><div></div></div>	10.2
Total Protein	7.5	5.2 - 8.2 g/dL	<div><div></div></div>	7.2
Albumin	3.4	2.3 - 4.0 g/dL	<div><div></div></div>	3.3
Globulin	4.1	2.5 - 4.5 g/dL	<div><div></div></div>	3.9
Albumin: Globulin Ratio	0.8			0.8

Chemistry (continued)

TEST	RESULT	REFERENCE VALUE		
ALT	47	10 - 125 U/L		33
ALP	60	23 - 212 U/L		53
GGT	0	0 - 11 U/L		0
Bilirubin - Total	0.3	0.0 - 0.9 mg/dL		0.4
Cholesterol	260	110 - 320 mg/dL		248

Urinalysis



4/28/20	2:48 PM	2:45 PM	3/27/20 2:19 PM
TEST	RESULT	REFERENCE VALUE	
Collection	Catheter		Cystocente...
Color	Pale Yellow		Pale Yellow
Clarity	Clear		Clear
Specific Gravity	1.035		1.044
pH	7.0		9.0
Urine Protein	neg		▲30 ▲
Glucose	neg		neg
Ketones	neg		neg
Blood / Hemoglobin	50	Ery/ μ L	50
Bilirubin	neg		neg
Urobilinogen	4	mg/dL	norm
Leukocyte Esterase	25	Leu/ μ L	neg
White Blood Cells	<1 /HPF		5 /HPF
Red Blood Cells	<1 /HPF		5 /HPF
Bacteria, Cocci	None detected		None detec...
Bacteria, Rods	None detected		None detec..
Squamous Epithelial Cells	<1 /HPF		<1 /HPF



BEAR

PET OWNER: GEORGE

DATE OF RESULT: 4/28/20

LAB ID:

Urinalysis (continued)

TEST	RESULT	REFERENCE VALUE
Non-Squamous Epithelial Cells	1 - 2 /HPF	3 - 5 /HPF
Hyaline Casts	None detected	None detec...
Non-Hyaline Casts	>1 /LPF	>1 /LPF
Calcium Oxalate Dihydrate Crystals	None detected	None detec...
Struvite Crystals	None detected	None detec...
Ammonium Biurate Crystals	None detected	None detec...
Bilirubin Crystals	None detected	None detec...
Unclassified Crystals	None detected	None detec...

Images



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Key:

⚠ The unit for this result could not be converted to the preferred unit



BRYN PETMECH

PET OWNER: PETMECH PETMECH
SPECIES: Canine
BREED:
GENDER: Female Spayed
AGE: 2 Years
PATIENT ID: 3305

Trinity Veterinary Hospital
3100 N. Perkins Road
Stillwater, Oklahoma 74075
405-533-0001
ACCOUNT #:
ATTENDING VET: Carey Bonds, DVM

LAE ID:
ORDER ID: 5399
DATE OF RECEIPT: 4/28/20
DATE OF RESULT: 4/28/20

IDEXX Services: ProCyt Dx Hematology Analyzer, Catalyst Dx Chemistry Analyzer, SediVue Dx Urine Sediment Analyzer, IDEXX VetLab UA Analyzer

Hematology



4/28/20 7:36 AM

TEST	RESULT	REFERENCE VALUE	
RBC	6.72	5.65 - 8.87 M/ μ L	
Hematocrit	46.1	37.3 - 61.7 %	
Hemoglobin	16.7	13.1 - 20.5 g/dL	
MCV	68.6	61.6 - 73.5 fL	
MCH	24.9	21.2 - 25.9 pg	
MCHC	36.2	32.0 - 37.9 g/dL	
RDW	14.9	13.6 - 21.7 %	
% Reticulocyte	0.5	%	
Reticulocytes	32.9	10.0 - 110.0 K/ μ L	
Reticulocyte Hemoglobin	26.8	22.3 - 29.6 pg	
WBC	7.55	5.05 - 16.76 K/ μ L	
% Neutrophils	63.8	%	
% Lymphocytes	26.6	%	
% Monocytes	5.4	%	
% Eosinophils	4.1	%	
% Basophils	0.1	%	
Neutrophils	4.81	2.95 - 11.64 K/ μ L	
Lymphocytes	2.01	1.05 - 5.10 K/ μ L	
Monocytes	0.41	0.16 - 1.12 K/ μ L	
Eosinophils	0.31	0.06 - 1.23 K/ μ L	
Basophils	0.01	0.00 - 0.10 K/ μ L	
Platelets	203	148 - 484 K/ μ L	
PDW	12.8	9.1 - 19.4 fL	
MPV	13.4	8.7 - 13.2 fL	H
Plateletcrit	0.27	0.14 - 0.46 %	



RBC Run



- RBC
- WBC
- RETICS
- PLT
- RBC_FRAG

Download

WBC Run



- NEU
- BASO
- URBC
- LYM
- MONO
- EOS

Download

Chemistry



4/28/20

7:51 AM

TEST	RESULT	REFERENCE VALUE	
Glucose	111	74 - 143 mg/dL	<div><div></div></div>
IDEXX SDMA	^a 7	0 - 14 µg/dL	<div><div></div></div>
Creatinine	1.0	0.5 - 1.8 mg/dL	<div><div></div></div>
BUN	17	7 - 27 mg/dL	<div><div></div></div>
BUN: Creatinine Ratio	17		
Phosphorus	5.1	2.5 - 6.8 mg/dL	<div><div></div></div>
Calcium	9.5	7.9 - 12.0 mg/dL	<div><div></div></div>
Total Protein	7.9	5.2 - 8.2 g/dL	<div><div></div></div>
Albumin	3.7	2.3 - 4.0 g/dL	<div><div></div></div>
Globulin	4.2	2.5 - 4.5 g/dL	<div><div></div></div>
Albumin: Globulin Ratio	0.9		
ALT	74	10 - 125 U/L	<div><div></div></div>
ALP	< 10	23 - 212 U/L	<div><div></div></div> L
GGT	0	0 - 11 U/L	<div><div></div></div>
Bilirubin - Total	0.7	0.0 - 0.9 mg/dL	<div><div></div></div>



Chemistry (continued)

TEST	RESULT	REFERENCE VALUE	
Cholesterol	246	110 - 320 mg/dL	<div><div></div></div>
Amylase	691	500 - 1,500 U/L	<div><div></div></div>
Lipase	755	200 - 1,800 U/L	<div><div></div></div>

a SDMA:

BOTH SDMA AND CREATININE ARE WITHIN THE REFERENCE INTERVAL which indicates kidney function is likely good. Evaluate a complete urinalysis and confirm there is no other evidence of kidney disease.

Urinalysis



4/28/20 7:35 AM 7:34 AM

TEST	RESULT	REFERENCE VALUE
Collection	Free Catch	
Color	Pale Yellow	
Clarity	Clear	
Specific Gravity	1.043	
pH	6.5	
Urine Protein	neg	
Glucose	neg	
Ketones	15	mg/dL
Blood / Hemoglobin	neg	
Bilirubin	neg	
Urobilinogen	4	mg/dL
Leukocyte Esterase	neg	
White Blood Cells	<1 /HPF	
Red Blood Cells	<1 /HPF	
Bacteria, Cocci	None detected	



Urinalysis (continued)

TEST	RESULT	REFERENCE VALUE
Bacteria, Rods	None detected	
Squamous Epithelial Cells	None detected	
Non-Squamous Epithelial Cells	<1 /HPF	
Hyaline Casts	None detected	
Non-Hyaline Casts	None detected	
Calcium Oxalate Dihydrate Crystals	None detected	
Struvite Crystals	None detected	
Ammonium Biurate Crystals	None detected	
Bilirubin Crystals	None detected	
Unclassified Crystals	None detected	

Images



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Endocrinology



4/28/20

7:51 AM

TEST

RESULT

REFERENCE VALUE

Total T4

^a

2.0

1.0 - 4.0 µg/dL



^a

Diagnostic Interpretation for TT4

< 1.0 µg/dL Low

1.0 - 2.0 µg/dL Low Normal

1.0 - 4.0 µg/dL Normal

> 4.0 µg/dL High

2.1 - 5.4 µg/dL Therapeutic

Dogs with no clinical signs of hypothyroidism and results within the normal reference range are likely euthyroid. Dogs with low T4 concentrations may be hypothyroid or "euthyroid sick". Occasionally, hypothyroid dogs can have T4 concentrations that are low normal. Dogs with clinical signs of hypothyroidism and low or low normal T4 concentrations may be evaluated further by submission of freeT4 (fT4) and canine TSH. A high T4 concentration in a clinically normal dog is likely a variation of normal; however elevations may occur secondary to thyroid auto antibodies or rarely thyroid neoplasia. For dogs on thyroid supplement, acceptable 4-6 hour post pill Total T4 concentrations generally fall within the higher end or slightly above the reference range.



CHUB [REDACTED]

PET OWNER: PAM [REDACTED]
SPECIES: Canine
BREED: [REDACTED]
GENDER: Male
AGE: 5 Years
PATIENT ID: 6098

Trinity Veterinary Hospital
3100 N. Perkins Road
Stillwater, Oklahoma 74075
405-533-0001
ACCOUNT #: [REDACTED]
ATTENDING VET: Carey Bonds, DVM

LAB ID: [REDACTED]
ORDER ID: 5395
DATE OF RECEIPT: 4/27/20
DATE OF RESULT: 4/27/20

IDEXX Services: ProCyt Dx Hematology Analyzer, Catalyst Dx Chemistry Analyzer, SediVue Dx Urine Sediment Analyzer, IDEXX VetLab UA Analyzer

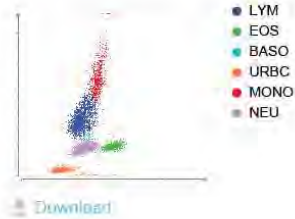
Hematology

4/27/20	2:13 PM			3/24/20 9:37 AM
TEST	RESULT	REFERENCE VALUE		
RBC	8.22	5.65 - 8.87 M/ μ L		8.31
Hematocrit	56.5	37.3 - 61.7 %		58.8
Hemoglobin	21.3	13.1 - 20.5 g/dL	H	21.1
MCV	68.7	61.6 - 73.5 fL		70.8
MCH	25.9	21.2 - 25.9 pg		25.4
MCHC	37.7	32.0 - 37.9 g/dL		35.9
RDW	19.0	13.6 - 21.7 %		18.4
% Reticulocyte	0.8	%		0.8
Reticulocytes	62.5	10.0 - 110.0 K/ μ L		62.3
Reticulocyte Hemoglobin	29.1	22.3 - 29.6 pg		30.2
WBC	11.48	5.05 - 16.76 K/ μ L		10.75
% Neutrophils	65.2	%		66.2
% Lymphocytes	18.6	%		18.3
% Monocytes	6.4	%		6.0
% Eosinophils	9.1	%		8.9
% Basophils	0.7	%		0.6
Neutrophils	7.49	2.95 - 11.64 K/ μ L		7.11
Lymphocytes	2.14	1.05 - 5.10 K/ μ L		1.97
Monocytes	0.73	0.16 - 1.12 K/ μ L		0.65
Eosinophils	1.04	0.06 - 1.23 K/ μ L		0.96
Basophils	0.08	0.00 - 0.10 K/ μ L		0.06
Platelets	301	148 - 484 K/ μ L		245
PDW	10.5	9.1 - 19.4 fL		10.9
MPV	11.2	8.7 - 13.2 fL		11.8
Plateletcrit	0.34	0.14 - 0.46 %		0.29

RBC Run



WBC Run



Chemistry

TEST	RESULT	REFERENCE VALUE		
Glucose	108	74 - 143 mg/dL	<div><div></div></div>	92
Creatinine	1.5	0.5 - 1.8 mg/dL	<div><div></div></div>	1.1
BUN	10	7 - 27 mg/dL	<div><div></div></div>	16
BUN: Creatinine Ratio	7			15
Phosphorus	5.2	2.5 - 6.8 mg/dL	<div><div></div></div>	5.0
Calcium	10.0	7.9 - 12.0 mg/dL	<div><div></div></div>	9.5
Total Protein	8.0	5.2 - 8.2 g/dL	<div><div></div></div>	7.1
Albumin	3.6	2.3 - 4.0 g/dL	<div><div></div></div>	3.3
Globulin	4.4	2.5 - 4.5 g/dL	<div><div></div></div>	3.8
Albumin: Globulin Ratio	0.8			0.9
ALT	64	10 - 125 U/L	<div><div></div></div>	21
ALP	29	23 - 212 U/L	<div><div></div></div>	28
GGT	0	0 - 11 U/L	<div><div></div></div>	1
Bilirubin - Total	0.3	0.0 - 0.9 mg/dL	<div><div></div></div>	0.3
Cholesterol	214	110 - 320 mg/dL	<div><div></div></div>	229

Chemistry (continued)

TEST	RESULT	REFERENCE VALUE		
Amylase	774	500 - 1,500 U/L	<div><div></div></div>	741
Lipase	819	200 - 1,800 U/L	<div><div></div></div>	994

Urinalysis

4/27/20	2:15 PM	2:14 PM	3/24/20 9:38 AM
TEST	RESULT	REFERENCE VALUE	
Collection	Catheter		Catheter
Color	Dark Yellow		Pale Yellow
Clarity	Slightly Cloudy		Clear
Specific Gravity	1.047		1.048
pH	6.5		6.5
Urine Protein	neg		30
Glucose	neg		neg
Ketones	neg		neg
Blood / Hemoglobin	50	Ery/ μ L	25
Bilirubin	neg		1
Urobilinogen	4	mg/dL	1
Leukocyte Esterase	neg		100
White Blood Cells	<1 /HPF		1 /HPF
Red Blood Cells	<1 /HPF		1 /HPF
Bacteria, Cocci	None detected		None detec...
Bacteria, Rods	None detected		None detec...
Squamous Epithelial Cells	<1 /HPF		None detec...
Non-Squamous Epithelial Cells	1 - 2 /HPF		3 - 5 /HPF



Urinalysis (continued)

TEST	RESULT	REFERENCE VALUE
Hyaline Casts	None detected	None detec...
Non-Hyaline Casts	Suspect presence	None detec...
Calcium Oxalate Dihydrate Crystals	None detected	None detec...
Struvite Crystals	None detected	None detec...
Ammonium Biurate Crystals	None detected	None detec...
Bilirubin Crystals	None detected	None detec...
Unclassified Crystals	None detected	None detec...

Images



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Key:

The unit for this result could not be converted to the preferred unit



PET OWNER: PAM [REDACTED]
SPECIES: Canine
BREED: [REDACTED]
GENDER: Male
AGE: 1 Years
PATIENT ID: 6099

Trinity Veterinary Hospital
3100 N. Perkins Road
Stillwater, Oklahoma 74075
405-533-0001
ACCOUNT #: [REDACTED]
ATTENDING VET: Carey Bonds, DVM

LAB ID: [REDACTED]
ORDER ID: 5396
DATE OF RECEIPT: 4/27/20
DATE OF RESULT: 4/27/20

IDEXX Services: ProCyt Dx Hematology Analyzer, Catalyst Dx Chemistry Analyzer, SediVue Dx Urine Sediment Analyzer, IDEXX VetLab UA Analyzer

Hematology



4/27/20 2:19 PM

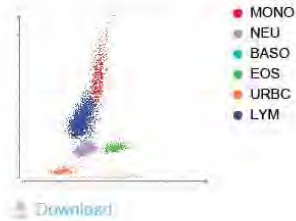
3/24/20
9:25 AM

TEST	RESULT	REFERENCE VALUE		
RBC	7.08	5.65 - 8.87 M/ μ L		7.59
Hematocrit	45.5	37.3 - 61.7 %		50.1
Hemoglobin	16.7	13.1 - 20.5 g/dL		17.7
MCV	64.3	61.6 - 73.5 fL		66.0
MCH	23.6	21.2 - 25.9 pg		23.3
MCHC	36.7	32.0 - 37.9 g/dL		35.3
RDW	18.2	13.6 - 21.7 %		17.1
% Reticulocyte	1.3	%		0.9
Reticulocytes	89.2	10.0 - 110.0 K/ μ L		67.6
Reticulocyte Hemoglobin	26.9	22.3 - 29.6 pg		27.3
WBC	11.72	5.05 - 16.76 K/ μ L		11.26
% Neutrophils	50.8	%		47.5
% Lymphocytes	38.8	%		40.9
% Monocytes	5.3	%		7.3
% Eosinophils	5.0	%		4.2
% Basophils	0.1	%		0.1
Neutrophils	5.95	2.95 - 11.64 K/ μ L		5.36
Lymphocytes	4.55	1.05 - 5.10 K/ μ L		4.60
Monocytes	0.62	0.16 - 1.12 K/ μ L		0.82
Eosinophils	0.59	0.06 - 1.23 K/ μ L		0.47
Basophils	0.01	0.00 - 0.10 K/ μ L		0.01
Platelets	261	148 - 484 K/ μ L		246
PDW	11.9	9.1 - 19.4 fL		10.6
MPV	12.2	8.7 - 13.2 fL		11.7
Plateletcrit	0.32	0.14 - 0.46 %		0.29

RBC Run



WBC Run



Chemistry

4/27/20	2:28 PM			3/24/20 9:33 AM
TEST	RESULT	REFERENCE VALUE		
Glucose	94	74 - 143 mg/dL	<div><div></div></div>	105
Creatinine	1.5	0.5 - 1.8 mg/dL	<div><div></div></div>	1.4
BUN	21	7 - 27 mg/dL	<div><div></div></div>	23
BUN: Creatinine Ratio	14			16
Phosphorus	6.4	2.5 - 6.8 mg/dL	<div><div></div></div>	6.5
Calcium	10.6	7.9 - 12.0 mg/dL	<div><div></div></div>	10.6
Total Protein	7.2	5.2 - 8.2 g/dL	<div><div></div></div>	6.7
Albumin	3.6	2.3 - 4.0 g/dL	<div><div></div></div>	3.5
Globulin	3.6	2.5 - 4.5 g/dL	<div><div></div></div>	3.2
Albumin: Globulin Ratio	1.0			1.1
ALT	48	10 - 125 U/L	<div><div></div></div>	22
ALP	146	23 - 212 U/L	<div><div></div></div>	74
GGT	0	0 - 11 U/L	<div><div></div></div>	0
Bilirubin - Total	0.3	0.0 - 0.9 mg/dL	<div><div></div></div>	0.2
Cholesterol	230	110 - 320 mg/dL	<div><div></div></div>	256



DUKE

PET OWNER

PAM

DATE OF RESULT 4/27/20

LAB ID

Chemistry (continued)

TEST	RESULT	REFERENCE VALUE		
Amylase	804	500 - 1,500 U/L	<div><div></div></div>	778
Lipase	883	200 - 1,800 U/L	<div><div></div></div>	1,219

Urinalysis



4/27/20	2:25 PM	2:22 PM	3/24/20 9:34 AM
TEST	RESULT	REFERENCE VALUE	
Collection	Catheter		Catheter
Color	Pale Yellow		Straw
Clarity	Clear		Clear
Specific Gravity	1.048		1.029
pH	5.0		7.0
Urine Protein	neg		neg
Glucose	neg		neg
Ketones	neg		neg
Blood / Hemoglobin	neg		neg
Bilirubin	neg		neg
Urobilinogen	4	mg/dL	norm
Leukocyte Esterase	neg		neg
White Blood Cells	2 /HPF		<1 /HPF
Red Blood Cells	<1 /HPF		<1 /HPF
Bacteria, Cocci	None detected		None detec...
Bacteria, Rods	None detected		None detec...
Squamous Epithelial Cells	None detected		None detec...
Non-Squamous Epithelial Cells	6 - 10 /HPF		3 - 5 /HPF



Urinalysis (continued)

TEST	RESULT	REFERENCE VALUE
Hyaline Casts	None detected	None detec...
Non-Hyaline Casts	None detected	None detec...
Calcium Oxalate Dihydrate Crystals	None detected	None detec...
Struvite Crystals	None detected	None detec...
Ammonium Biurate Crystals	None detected	None detec...
Bilirubin Crystals	None detected	None detec...
Unclassified Crystals	None detected	None detec...

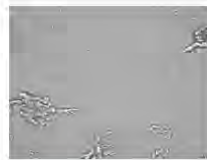
Images



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Confirm all leukocyte results with microscopy



ELLIE PETMECH

PET OWNER: PETMECH PETMECH
SPECIES: Canine
BREED:
GENDER: Female Spayed
AGE: 1 Years
PATIENT ID: 5806

Trinity Veterinary Hospital
3100 N. Perkins Road
Stillwater, Oklahoma 74075
405-533-0001
ACCOUNT #:
ATTENDING VET: Kent Williams, DVM

LAB ID:
ORDER ID: 5406
DATE OF RECEIPT: 4/28/20
DATE OF RESULT: 4/28/20

IDEXX Services: ProCyt Dx Hematology Analyzer, Catalyst Dx Chemistry Analyzer, SediVue Dx Urine Sediment Analyzer, IDEXX VetLab UA Analyzer

Hematology



4/28/20 11:26 AM

TEST	RESULT	REFERENCE VALUE	
RBC	7.67	5.65 - 8.87 M/ μ L	
Hematocrit	50.7	37.3 - 61.7 %	
Hemoglobin	18.6	13.1 - 20.5 g/dL	
MCV	66.1	61.6 - 73.5 fL	
MCH	24.3	21.2 - 25.9 pg	
MCHC	36.7	32.0 - 37.9 g/dL	
RDW	17.7	13.6 - 21.7 %	
% Reticulocyte	0.2	%	
Reticulocytes	16.9	10.0 - 110.0 K/ μ L	
Reticulocyte Hemoglobin	26.4	22.3 - 29.6 pg	
WBC	12.27	5.05 - 16.76 K/ μ L	
% Neutrophils	79.4	%	
% Lymphocytes	13.1	%	
% Monocytes	6.2	%	
% Eosinophils	1.1	%	
% Basophils	0.2	%	
Neutrophils	9.73	2.95 - 11.64 K/ μ L	
Lymphocytes	1.61	1.05 - 5.10 K/ μ L	
Monocytes	0.76	0.16 - 1.12 K/ μ L	
Eosinophils	0.14	0.06 - 1.23 K/ μ L	
Basophils	0.03	0.00 - 0.10 K/ μ L	
Platelets	227	148 - 484 K/ μ L	
PDW	11.7	9.1 - 19.4 fL	
MPV	12.5	8.7 - 13.2 fL	
Plateletcrit	0.28	0.14 - 0.46 %	

RBC Run



- RBC_FRAG
- RBC
- RETICS
- PLT
- WBC

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WBC Run



- BASO
- NEU
- MONO
- URBC
- EOS
- LYM

[Download](#)

Chemistry



4/28/20

11:37 AM

TEST	RESULT	REFERENCE VALUE	
Glucose	117	74 - 143 mg/dL	<div><div></div></div>
Creatinine	1.5	0.5 - 1.8 mg/dL	<div><div></div></div>
BUN	17	7 - 27 mg/dL	<div><div></div></div>
BUN: Creatinine Ratio	11		
Phosphorus	5.0	2.5 - 6.8 mg/dL	<div><div></div></div>
Calcium	10.4	7.9 - 12.0 mg/dL	<div><div></div></div>
Total Protein	6.9	5.2 - 8.2 g/dL	<div><div></div></div>
Albumin	3.6	2.3 - 4.0 g/dL	<div><div></div></div>
Globulin	3.3	2.5 - 4.5 g/dL	<div><div></div></div>
Albumin: Globulin Ratio	1.1		
ALT	10	10 - 125 U/L	<div><div></div></div>
ALP	88	23 - 212 U/L	<div><div></div></div>
GGT	2	0 - 11 U/L	<div><div></div></div>
Bilirubin - Total	0.3	0.0 - 0.9 mg/dL	<div><div></div></div>
Cholesterol	287	110 - 320 mg/dL	<div><div></div></div>



ELLIE PETMECH

PET OWNER: PETMECH PETM...

DATE OF RESULT: 4/28/20

LAB ID:

Chemistry (continued)

TEST	RESULT	REFERENCE VALUE	
Amylase	552	500 - 1,500 U/L	
Lipase	616	200 - 1,800 U/L	

Urinalysis



4/28/20 11:29 AM 11:26 AM

TEST	RESULT	REFERENCE VALUE
Collection	Free Catch	
Color	Pale Yellow	
Clarity	Clear	
Specific Gravity	1.038	
pH	7.0	
Urine Protein	neg	
Glucose	neg	
Ketones	neg	
Blood / Hemoglobin	neg	
Bilirubin	neg	
Urobilinogen	4	mg/dL
Leukocyte Esterase	25	Leu/ μ L
White Blood Cells	4 /HPF	
Red Blood Cells	2 /HPF	
Bacteria, Cocci	None detected	
Bacteria, Rods	None detected	
Squamous Epithelial Cells	<1 /HPF	
Non-Squamous Epithelial Cells	1 - 2 /HPF	



Urinalysis (continued)

TEST	RESULT	REFERENCE VALUE
Hyaline Casts	None detected	
Non-Hyaline Casts	None detected	
Calcium Oxalate Dihydrate Crystals	None detected	
Struvite Crystals	None detected	
Ammonium Biurate Crystals	None detected	
Bilirubin Crystals	None detected	
Unclassified Crystals	None detected	

Images



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Confirm all leukocyte results with microscopy



LUCY [REDACTED]

PET OWNER: **KIM** [REDACTED]
SPECIES: Canine
BREED: [REDACTED]
GENDER: Female
AGE: 6 Years
PATIENT ID: 6094

Trinity Veterinary Hospital
3100 N. Perkins Road
Stillwater, Oklahoma 74075
405-533-0001
ACCOUNT #: [REDACTED]
ATTENDING VET: Carey Bonds, DVM

LAB ID: [REDACTED]
ORDER ID: 5389
DATE OF RECEIPT: 4/27/20
DATE OF RESULT: 4/27/20

IDEXX Services: ProCyt Dx Hematology Analyzer, Catalyst Dx Chemistry Analyzer, SediVue Dx Urine Sediment Analyzer, IDEXX VetLab UA Analyzer

Hematology

4/27/20 8:04 AM

3/25/20
8:52 AM

TEST	RESULT	REFERENCE VALUE		
RBC	8.44	5.65 - 8.87 M/ μ L		7.52
Hematocrit	52.4	37.3 - 61.7 %		47.2
Hemoglobin	19.2	13.1 - 20.5 g/dL		16.5
MCV	62.1	61.6 - 73.5 fL		62.8
MCH	22.7	21.2 - 25.9 pg		21.9
MCHC	36.6	32.0 - 37.9 g/dL		35.0
RDW	19.4	13.6 - 21.7 %		16.8
% Reticulocyte	0.8	%		0.2
Reticulocytes	68.4	10.0 - 110.0 K/ μ L		18.0
Reticulocyte Hemoglobin	23.7	22.3 - 29.6 pg		23.5
WBC	9.38	5.05 - 16.76 K/ μ L		8.38
% Neutrophils	47.3	%		59.8
% Lymphocytes	32.6	%		19.3
% Monocytes	5.5	%		6.7
% Eosinophils	14.0	%		14.0
% Basophils	0.6	%		0.2
Neutrophils	4.43	2.95 - 11.64 K/ μ L		5.01
Lymphocytes	3.06	1.05 - 5.10 K/ μ L		1.62
Monocytes	0.52	0.16 - 1.12 K/ μ L		0.56
Eosinophils	1.31	0.06 - 1.23 K/ μ L		1.17
Basophils	0.06	0.00 - 0.10 K/ μ L		0.02
Platelets	193	148 - 484 K/ μ L		157
PDW	12.2	9.1 - 19.4 fL		12.8
MPV	12.6	8.7 - 13.2 fL		13.2
Plateletcrit	0.24	0.14 - 0.46 %		0.21

RBC Run



WBC Run



Chemistry

4/27/20 8:03 AM		3/25/20 9:05 AM	
TEST	RESULT	REFERENCE VALUE	
Glucose	114	74 - 143 mg/dL	128
Creatinine	1.5	0.5 - 1.8 mg/dL	1.2
BUN	18	7 - 27 mg/dL	13
BUN: Creatinine Ratio	12		11
Phosphorus	4.3	2.5 - 6.8 mg/dL	3.6
Calcium	9.7	7.9 - 12.0 mg/dL	9.6
Total Protein	7.3	5.2 - 8.2 g/dL	6.6
Albumin	3.4	2.3 - 4.0 g/dL	3.2
Globulin	3.9	2.5 - 4.5 g/dL	3.4
Albumin: Globulin Ratio	0.9		0.9
ALT	72	10 - 125 U/L	42
ALP	27	23 - 212 U/L	60
GGT	2	0 - 11 U/L	2
Bilirubin - Total	0.3	0.0 - 0.9 mg/dL	0.1
Cholesterol	221	110 - 320 mg/dL	166

Chemistry (continued)

TEST	RESULT	REFERENCE VALUE		
Amylase	691	500 - 1,500 U/L	<div><div></div></div>	724
Lipase	1,154	200 - 1,800 U/L	<div><div></div></div>	1,121

Urinalysis

4/27/20	7:58 AM	7:55 AM	3/25/20 8:43 AM
TEST	RESULT	REFERENCE VALUE	
Collection	Free Catch		Free Catch
Color	Pale Yellow		Pale Yellow
Clarity	Slightly Cloudy		Clear
Specific Gravity	1.023		1.044
pH	5.0		7.0
Urine Protein	30	mg/dL	30
Glucose	neg		▲ 50 ▲
Ketones	neg		▲ 15 ▲
Blood / Hemoglobin	250	Ery/μL	250
Bilirubin	neg		▲ 1 ▲
Urobilinogen	norm		▲ 4 ▲
Leukocyte Esterase	100	Leu/μL	500
White Blood Cells	>50 /HPF		>50 /HPF
Red Blood Cells	>50 /HPF		>50 /HPF
Bacteria, Cocci	* Suspect presence		None detec...
Bacteria, Rods	* Suspect presence		Suspect pr...
Squamous Epithelial Cells	None detected		None detec...
Non-Squamous Epithelial Cells	<1 /HPF		3 - 5 /HPF



LUCY

PET OWNER: **KIM**

DATE OF RESULT: **4/27/20**

LAB ID:

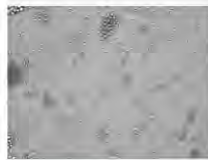
Urinalysis (continued)

TEST	RESULT	REFERENCE VALUE
Hyaline Casts	None detected	None detec...
Non-Hyaline Casts	None detected	None detec...
Calcium Oxalate Dihydrate Crystals	None detected	None detec...
Struvite Crystals	None detected	None detec...
Ammonium Biurate Crystals	None detected	None detec...
Bilirubin Crystals	None detected	None detec...
Unclassified Crystals	None detected	<1 /HPF

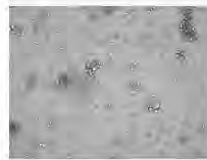
Images



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Confirm bacteria with one of the following:
Image review
Air-dried, stained cytological preparation ('dry prep')
Urine culture

Confirm all leukocyte results with microscopy

Consider re-evaluation of proteinuria after resolution of active sediment.

Key:

⚠ The unit for this result could not be converted to the preferred unit



ROMAN [REDACTED]

PET OWNER: **KIM** [REDACTED]
 SPECIES: Canine
 BREED: [REDACTED]
 GENDER: Male
 AGE: 6 Years
 PATIENT ID: 6095

Trinity Veterinary Hospital
 3100 N. Perkins Road
 Stillwater, Oklahoma 74075
 405-533-0001
 ACCOUNT #: [REDACTED]
 ATTENDING VET: Carey Bonds, DVM

LAB ID: [REDACTED]
 ORDER ID: 5390
 DATE OF RECEIPT: 4/27/20
 DATE OF RESULT: 4/27/20

IDEXX Services: ProCyt Dx Hematology Analyzer, Catalyst Dx Chemistry Analyzer, SediVue Dx Urine Sediment Analyzer, IDEXX VetLab UA Analyzer

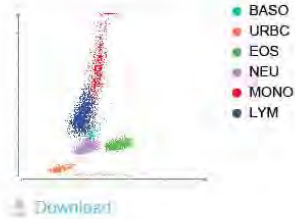
Hematology

4/27/20	8:50 AM			3/25/20 8:34 AM
TEST	RESULT	REFERENCE VALUE		
RBC	6.76	5.65 - 8.87 M/ μ L		6.83
Hematocrit	43.9	37.3 - 61.7 %		44.7
Hemoglobin	15.9	13.1 - 20.5 g/dL		15.9
MCV	64.9	61.6 - 73.5 fL		65.4
MCH	23.5	21.2 - 25.9 pg		23.3
MCHC	36.2	32.0 - 37.9 g/dL		35.6
RDW	16.8	13.6 - 21.7 %		17.6
% Reticulocyte	0.2	%		0.1
Reticulocytes	14.9	10.0 - 110.0 K/ μ L		9.6
Reticulocyte Hemoglobin	25.0	22.3 - 29.6 pg		25.4
WBC	9.90	5.05 - 16.76 K/ μ L		11.10
% Neutrophils	43.4	%		33.3
% Lymphocytes	25.3	%		24.3
% Monocytes	7.1	%		5.0
% Eosinophils	22.6	%		33.8
% Basophils	1.6	%		3.6
Neutrophils	4.30	2.95 - 11.64 K/ μ L		3.69
Lymphocytes	2.50	1.05 - 5.10 K/ μ L		2.70
Monocytes	0.70	0.16 - 1.12 K/ μ L		0.56
Eosinophils	2.24	0.06 - 1.23 K/ μ L	H	3.75
Basophils	0.16	0.00 - 0.10 K/ μ L	H	0.40
Platelets	188	148 - 484 K/ μ L		154
PDW	11.3	9.1 - 19.4 fL		14.3
MPV	12.5	8.7 - 13.2 fL		13.7
Plateletcrit	0.24	0.14 - 0.46 %		0.21

RBC Run



WBC Run



Chemistry

4/27/20 8:58 AM		3/25/20 8:42 AM	
TEST	RESULT	REFERENCE VALUE	
Glucose	105	74 - 143 mg/dL	107
Creatinine	1.6	0.5 - 1.8 mg/dL	1.1
BUN	18	7 - 27 mg/dL	10
BUN: Creatinine Ratio	11		9
Phosphorus	4.2	2.5 - 6.8 mg/dL	4.1
Calcium	9.9	7.9 - 12.0 mg/dL	9.4
Total Protein	8.1	5.2 - 8.2 g/dL	7.7
Albumin	3.4	2.3 - 4.0 g/dL	3.2
Globulin	4.7	2.5 - 4.5 g/dL	4.5
Albumin: Globulin Ratio	0.7		0.7
ALT	15	10 - 125 U/L	28
ALP	83	23 - 212 U/L	48
GGT	1	0 - 11 U/L	0
Bilirubin - Total	0.3	0.0 - 0.9 mg/dL	0.2
Cholesterol	188	110 - 320 mg/dL	109



ROMAN

PET OWNER: KIM

DATE OF RESULT: 4/27/20

LAB ID:

Chemistry (continued)

TEST	RESULT	REFERENCE VALUE		
Amylase	610	500 - 1,500 U/L		728
Lipase	1,175	200 - 1,800 U/L		1,072

Urinalysis



4/27/20	8:49 AM	8:49 AM	3/25/20 8:32 AM
TEST	RESULT	REFERENCE VALUE	
Collection	Free Catch		Free Catch
Color	Pale Yellow		Pale Yellow
Clarity	Clear		Clear
Specific Gravity	1.038		1.043
pH	6.5		6.5
Urine Protein	TR		neg
Glucose	neg		neg
Ketones	neg		neg
Blood / Hemoglobin	neg		neg
Bilirubin	neg		1
Urobilinogen	1	mg/dL	1
Leukocyte Esterase	neg		100
White Blood Cells	<1 /HPF		4 /HPF
Red Blood Cells	<1 /HPF		2 /HPF
Bacteria, Cocci	None detected		None detec...
Bacteria, Rods	None detected		None detec...
Squamous Epithelial Cells	None detected		None detec...
Non-Squamous Epithelial Cells	<1 /HPF		<1 /HPF



ROMAN

PET OWNER: **KIM**

DATE OF RESULT: **4/27/20**

LAB ID:

Urinalysis (continued)

TEST	RESULT	REFERENCE VALUE
Hyaline Casts	None detected	None detec...
Non-Hyaline Casts	None detected	None detec...
Calcium Oxalate Dihydrate Crystals	None detected	None detec...
Struvite Crystals	None detected	None detec...
Ammonium Biurate Crystals	None detected	None detec...
Bilirubin Crystals	None detected	None detec...
Unclassified Crystals	None detected	None detec...

Images



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Confirm all leukocyte results with microscopy
Consider evaluation of Urine Protein: Creatinine ratio.

Key:

The unit for this result could not be converted to the preferred unit