



## LABORATORY REPORT

5645-199th Street,  
Langley, BC V3A 1H9  
Canada  
Tel: 1-604-533-4884  
Fax: 1-604-533-0289

Visit No:	V21029902
Lab No:	3134291
File #:	5910002077680
Submission Date:	2009-04-14 13:28:12
Completed Date:	2009-04-24 17:39:23

Clinic: 5910 Greenbelt Vet Services	Fax: 604-792-1173	Phone: 604-792-1501
Clinician: DICK, DR.	Fax:	Phone:
Patient: CHADOLA, TITAN	Species: equine	Breed: Quarter Horse
Sex: Male	Age: 8 years	

BIOCHEMISTRY				
Test	Results	Reference	Units	Lab
Glucose	4.6	4.0 - 6.0	mmol/L	LAN
Urea	8.4	1.8 - 8.9	mmol/L	LAN
Creatinine	143	70 - 194	umol/L	LAN
Bun/Cr Ratio	14.8	-		LAN
Sodium	132	130 - 140	mmol/L	LAN
Potassium	4.9	3.0 - 5.3	mmol/L	LAN
Na/K Ratio	26.9	-		LAN
Chloride	101	91 - 105	mmol/L	LAN
Bicarbonate	32	25 - 34	mmol/L	LAN
Anion Gap	3.9	5 - 18		LAN
Calcium	2.76	2.60 - 3.20	mmol/L	LAN
Phosphorus	0.84	0.50 - 1.80	mmol/L	LAN
Total Protein	58	57 - 70	g/L	LAN
Albumin	31	26 - 38	g/L	LAN
Globulin	27	18 - 41	g/L	LAN
Albumin/Globulin	1.1	0.6 - 1.7		LAN
Total Bilirubin	26	33 - 63	umol/L	LAN
ALP	56	73 - 327	IU/L	LAN
AST	179	180 - 570	IU/L	LAN
GGT	10	5 - 30	IU/L	LAN
CK	111	10 - 350	IU/L	LAN
Calc Osmolality	268	263 - 280	mmol/kg	LAN
SERUM IRON	31	9 - 35	umol/L	LAN

HEMATOLOGY				
Test	Results	Reference	Units	Lab
White cell count	5.7	4.2 - 11.0	x10E9/L	LAN
RBC	6.8	5.7 - 11.0	x10E12/L	LAN
Hemoglobin	116	102 - 173	g/L	LAN
Hematocrit	0.34	0.30 - 0.48	L/L	LAN
Mean Corp Vol.	49.9	40.0 - 56.0	fl	LAN
Mean Corp HGB	17.2	13.0 - 21.0	pg	LAN
MCHC	345	330 - 380	g/L	LAN
RDW	21.4	14.0 - 27.0	%CV	LAN
Platelets	144	90 - 227	x10E9/L	LAN
Mean Platelet Vol.	8.8	6.0 - 9.0	fl	LAN
Hem Micro Comm	*	-		LAN
Rouleaux present on smear				
RBC morphology is normal for species				
PMN cytoplasm vacuolated				
Platelet numbers are adequate				
Differential:		%	abs.	
Neutrophils	56.3	3.209	1.800 - 7.530	x10E9/L
Lymphocytes	39.3	2.240	1.290 - 5.190	x10E9/L
Monocytes	3.7	0.211	0.000 - 0.460	x10E9/L
Eosinophils	0.5	0.029	0.025 - 0.300	x10E9/L
Basophils	0.2	0.011	0.000 - 0.230	x10E9/L

## COAGULATION

Fibrinogen Semi Quantitative	1.0	0.5 - 4.0	g/L	LAN
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## REFERRED OUT

Insulin	27	↓ 29 - 179	pmol/L	LAN
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Quantitative measurement of serum insulin is now being performed using a radio-immunoassay (RIA) method. Reference ranges for insulin (pmol/L), specific to the RIA, are included in each report.

If you have questions please call customer service at 800-667-3411.

**Comment** AT OWNERS REQUEST NORMAL ON PHYSICAL EXAM  
samples not rec'd on ice

TBRA

Tests requested: EQSCRW, INSULW

Tests to follow:

(GMT-08:00) Pacific Time (US and Canada); Tijuana

Completed

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<b>Sex:</b> Male	<b>Age:</b> 8 years	

CBC unremarkable.  
No remarkable or diagnostic abnormalities.  
Fibrinogen and insulin level to follow.  
Fibrinogen within reference.  
Insulin may be normal for patient at this time  
ELLIS DVM MVSC, KATHI

2009-04-14 15:35:16 EDWARDS DVM

2009-04-14 16:13:50 EDWARDS DVM

2009-04-24 18:16:11 ELLIS DVM MVSC,

2009-04-24 18:16:50

**Tests requested:** EQSCRW, INSULW

**Tests to follow:**

(GMT-08:00) Pacific Time (US and Canada); Tijuana