



Lab Report For:

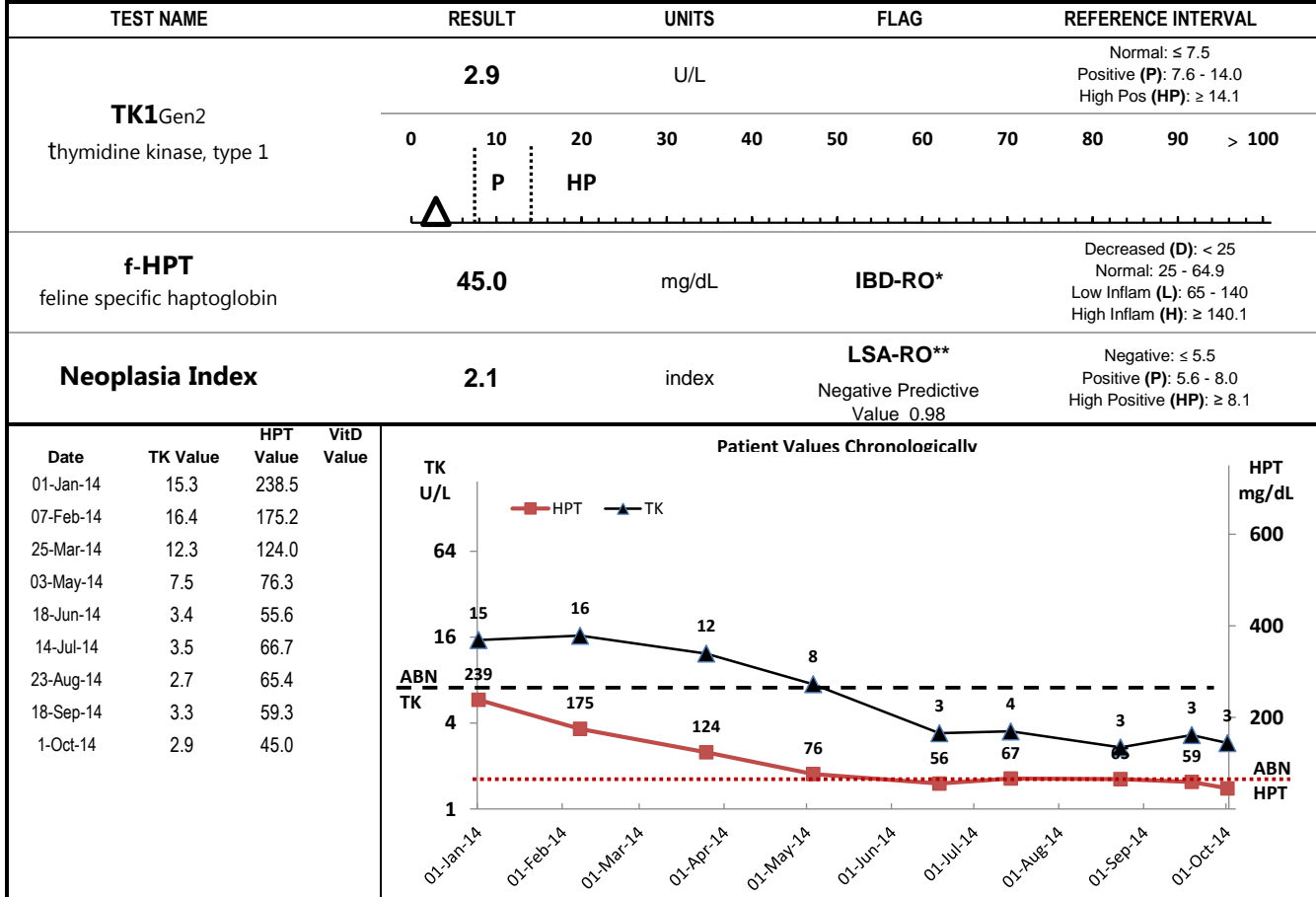
**PATIENT NAME:** Allie Albright  
**SPECIMEN ID #:** 145556  
SPECIES: Feline  
GENDER: Female Spayed  
BREED: DSH  
AGE: 7.0  
WEIGHT: 9.2 lb

DRAW DATE: 30-Sep-04  
RECEIVED DATE: 1-Oct-14  
SAMPLE TYPE: Serum  
COMMENTS: none  
PATIENT STAGE: unknown  
TREATMENT: none

**VETERINARIAN:** Dr. Michael Brown  
FACILITY: Main Street Animal Hospital  
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Fairview, CA 99999  
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**TKFELINE CANCER PANEL**

REPORT DATE: 3-Oct-2014



**VitDFELINE**

VitD	114.0	ng/mL	Deficient (Def): $\leq 24.9$ Insufficient (Insuff): 25.0 - 99.9 Sufficient: 100 - 120
25 hydroxy-vitamin D			
<b>Dosing Guidelines</b>	Vitamin D3 dosing guideline is based upon the weight of the animal and is a recommendation for routine supplementation. Equilibrium is achieved in about 4-6 weeks and should be re-tested to ensure proper levels. Advise the pet owner not to over-supplement. Ongoing supplementation is required to maintain vitamin D sufficiency and should not require modification unless diet changes or annual testing confirms a change is warranted. Serum calcium should be evaluated prior to supplementation.		
<b>Weight</b>	<b>Dose</b>		
9.2 lb	sufficient IU/day		

**Interpretive Comment**

Diagnostic Code: 1 / 0

**Feline LSA/IBD Differential Diagnosis**

**TK FELINE CANCER PANEL** is a diagnostic tool for the differential diagnosis of feline LSA/IBD. Utilizing TK1, a dysregulated proliferation marker, and HPT, a systemic inflammation marker, (both hallmarks of cancer) a Neoplasia Index (NI) is created that assists in diagnosis.

**Guidance:** NI  $\leq 5.5$  is negative for LSA, 5.6 - 8.0 is indicative of LSA, and  $\geq 8.1$  is highly indicative of LSA.

To monitor therapy for LSA, use TKfeline cancer panel. To monitor therapy for inflammatory bowel disease, use HPT.

\*Normal levels of both HPT and TK1 is a strong rule-out for IBD (0.98). \*\*NI  $< 3.4$  is a strong rule-out for LSA (0.98). Decreased HPT levels is indicative of RBC hemolysis. For more detailed comments, please see page 2.

Interpretive comments are general in nature and in absence of detailed knowledge of patient status or treatment. For more information on specific cases, please contact VDI.

Tech: RR