

Real-time PCR Research and Diagnostics Core Facility

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FINAL REPORT

Date: 11/02/2018

Reference #: 67415

Clinic: Austin Pets Alive
FAX:
Submitted By: Dr. Ramsey
Owner: Peterson
Patient Name: Freya
Lab #:
Species: Feline
Sample Received: 11/02/2018
Test Requested: Feline Corona Virus (FCoV):

qPCR results

qPCR positive for Feline Corona Virus (FCoV) in pooled peritoneal fluid sample.

qPCR negative for Feline Corona Virus (FCoV) in feces sample.

qPCR results interpretation

Positive: proof of infection/reservoir

Negative: 1) no infection, 2) pathogen load is below detection limit, 3) pathogen is a rare isolate which can not be detected with our current assays

Additional Comments

FCoV positive: A positive FCoV PCR result does not prove FCoV to be the cause for FIP-related clinical signs: the result has to be interpreted together with chemistry, serology, blood profile, and clinical signs. However, aspirates testing PCR positive for FCoV have a high predictive value for FIP.

Emir Hodzic, DVM, PhD