

National Veterinary Services Laboratories

PO Box 844 Ames, Iowa 50010 Phone: 515-337-7514 Fax: 515-337-7938 FEDERAL RELAY SERVICE (Voice/TTY/ASCII/Spanish) 1-800-877-8339

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Laboratory Test Report

Sensitive But Unclassified/Sensitive Security Information - Disseminate on a Need-To-Know Basis Only

Owner Joseph Journell Sr San Bernardino, CA Animal Location

San Bernardino County CA, United States, Prem ID:

Submitter - 504380 Ingrid Phillips Cornell University 240 Farrier Rd

NY State Veterinary Diagnostic Laboratory

PO Box 5786 Phone #: 607-235-3938

Ithaca, NY 14853

Referral Number:

297271-24

Country Origin/Destination: This is not a billable case.

Accession Number:

Date Collected:

Date Received:

Date Completed:

Collected By:

Purpose:

NOTE: Condition of the sample(s) was adequate unless otherwise noted.

Sample: 297271-24-1-1 Animal ID: Big Boy 42731 Specimen Type: Urine Species: Cat, Domestic medium-haired

Text ID: 24-036311-001

RRTPCR IAV Detected (Ct 33.8) RRT-PCR EA H5 HPAI

RRT-PCR IAV N1

RRT-PCR H5 2.3.4.4

Date Generated: 12/18/2024

24-036311

12/04/2024

12/09/2024

12/18/2024

General Diagnostic

Valerie Smart VCA CA Veterinary St

FINAL REPORT

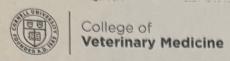
Strain ID Virus Type EA/AM 2.3.4.4b H5N1 (B3.13) HPAI

Samples were tested for influenza A by molecular assays including a real-time RT PCR targeting Eurasian lineage goose/ Guangdong H5 clade 2.3.4.4b as well as an assay that targets the cleavage site of highly pathogenic avian influenza (RRT-PCR EA H5 HPAI). Molecular testing reported on 12/10/2024.

HPAI: highly pathogenic avian influenza per cleavage site analysis

EA 2.3.4.4b: H5 goose/Guangdong clade; this lineage is highly pathogenic for poultry

EA/AM: reassortant of H5 goose/Guangdong and North American wild bird lineage (genotype in table above)



Animal Health Diagnostic Center

240 Farrier Road, Cornell University, Ithaca, NY 14853 Ph: 607-253-3900 Fax: 607-253-3943 https://ahdc.vet.comell.edu

Owner: Joseph Journell Sr

VCA California Veterinary Specialists Ontario -(129048) 2409 S Vineyard Ave Suite O Ontario, CA 91761 (909) 947-3600

Finalized Report

Accession Number: 297271-24

Sampled: 12/04/2024 Received: 12/05/2024 Finalized: 12/06/2024

Case Coordinator: Ingrid Phillips Reference Number: 42731

Molecular Diagnostics

Director Dr. Mani Łejeune - 607-253-3900

Result

Reference Interval

Big Boy 42731 - Feline Domestic Mediumhair Castrate

Urine

Avian H5 Influenza Virus PCR

Test

Avian H7 Influenza Virus PCR Avian Influenza Virus PCR

Nasal Exudate Avian Influenza Virus PCR Non-Negative

Ct Value: 36.706 Not Detected Non-Negative Ct Value: 35.4405

Not Detected

Test Interpretations

Avian Influenza Virus PCR Interpretation of PCR results can be found here: https://www.vet.comell.edu/animal-health-diagnostic-center/laboratories/molecular-diagnostics/interpretation-pcr-results