

Texas A & M Kingsville

Vet Tech Program -

Patient Chart

Printed: 11-06-19 at 7:40a

CLIENT INFORMATION

Name INACTIVE 2018 TAMUK (10)
Address

Phone

PATIENT INFORMATION

Name Luke (045C)
Sex Male
Deceased 02-08-18
ID
Color
Reminded (none)

Species Feline
Breed Domestic Shorthair
Age D@13w
Rabies
Weight 1.50 kg
Codes D

FeLV: Positive
FIV: Negative

Patient Chart for Luke (045C)
Date: 11-06-19, Time: 7:40a

Client: INACTIVE 2018 TAMUK

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Date	By	Code	Description	Qty (Variance)	Photo
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Patient Chart for Luke (045C)
Date: 11-06-19, Time: 7:40a

Client: INACTIVE 2018 TAMUK

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Date	By	Code	Description	Qty (Variance)	Photo
		ZD1000	DECEASED		
02-09-18	002 Performed by Suspect fatal laryngospasm.	819	Necropsy		
02-09-18		(N/A)	Patient moved from client 3		

Texas A & M Kingsville

Vet Tech Program -

Patient Chart

Printed: 11-06-19 at 7:38a

CLIENT INFORMATION

Name INACTIVE 2019 TAMUK (16)

Address

Phone

PATIENT INFORMATION

Name 073C Cannoli

Sex Female

Deceased 03-08-19

ID

Color Cream

Reminded (none)

Species Feline

Breed Domestic Shorthair

Age D@7y

Rabies 3879

Weight 3.85 kg

Codes D

Patient Chart for 073C Cannoli
Date: 11-06-19, Time: 7:38a

Client: INACTIVE 2019 TAMUK
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Date	By	Code	Description	Qty (Variance)	Photo
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Patient Chart for 073C Cannoli
Date: 11-06-19, Time: 7:38a

Client: INACTIVE 2019 TAMUK

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Date	By	Code	Description	Qty (Variance)	Photo
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Patient Chart for 073C Cannoli
Date: 11-06-19, Time: 7:38a

Client: INACTIVE 2019 TAMUK

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Date	By	Code	Description	Qty (Variance)	Photo
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Patient Chart for 073C Cannoli
Date: 11-06-19, Time: 7:38a

Client: INACTIVE 2019 TAMUK
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Date	By	Code	Description	Qty (Variance)	Photo
03-08-19	001	819	Necropsy Patient found deceased at AM check. No apparent external injuries or abnormalities. performed necropsy. One ~10" heartworm removed from heart and pulmonary vessel, ruled as cause of death.		
		DISP	Disposition		
04-12-19		(N/A)	Patient moved from client 3		



Texas A&M Veterinary Medical Diagnostic Laboratory
6610 Amarillo Blvd West
Amarillo TX 79106
Phone: Fax:

Report Date: 2/22/2019

Final Report

Date Received: 2/8/2019
Collection Date: 2/6/2019

Case Coordinator:

Accession No: A190390065

CAESAR KLEBERG WILDLIFE RESEARCH INSTITUTE
MSC 218
700 UNIVERSITY BLVD
KINGSVILLE TX 78363

Phone:
Fax:
Email:

Associated Parties

Owner	Texas A&M Kingsville		
	Caesar Kleberg Wildlife Research Institute	Account on Automatic Payment: PLEASE DO NOT PAY	Attn: , MSC 218 700 University Blvd Kingsville, TX 78363

Customer Requests

Specimens Submitted: Fetus and placenta
Customer Test Request: Cache valley virus
02/07/19 Per T/C with
2/13/19: per t/c with

do necropsy, histopathology and cache valley fever virus PCR to start -
add Bluetongue PCR and VI (pestivirus) to testing.

Animal Information

Name	Taxonomy	Sex
NO ID	Sheep - Dorper	Male

History

Medical history on file, available upon request.
--aa

Lab Findings

All Testing done at A unless otherwise indicated

Histopathology

Specimen Test Name
NO ID - Mammal - Bovidae - Sheep - Dorper - Male
Fetus - 1 Necropsy (Light Microscopy - NEC-TISSUE <8)

DESCRIPTION

Liver, Kidney, Spleen: Severe congestion.

Thymus, Lung, Heart. Intestine, Abomasum, Placenta, Haired skin: No significant lesion observed.

HISTOLOGIC DIAGNOSIS

Specimen Test Name
OPEN

COMMENTS

The cause of abortion could not be determined from histologic examination. No etiologic agents are observed.

TVMDL Amarillo

Molecular Diagnostics

Specimen	Test Name	Result
NO ID - Mammal - Bovidae - Sheep - Dorper - Male		
Fetus - 1	Cache Valley Fever Virus (PCR - CVFV-PCR)	Not Detected

Specimen	Test Name	Result
NO ID - Mammal - Bovidae - Sheep - Dorper - Male		
Spleen - 2	Bluetongue (qPCR - BT-PCR) (Test Performed at CS)	Not Detected

General Results

Feb. 12, 2019

Cache Valley Virus was not detected in these fetal tissues or fluids by PCR testing.

Molecular Diagnostician
TVMDL - Amarillo

PCR results are reported as "detected" (instead of positive) or "not detected" (instead of negative) and may include the cycle threshold (Ct) value. A result of "detected" indicates the presence of pathogen nucleic acid in the sample tested. Suspect results indicate the detection of low amounts of the target and may not be 100% repeatable. "Not detected" results indicate pathogen nucleic acid was not detected or was above the cut-off value established for the assay.

Assistant Section Head, Molecular Diagnostics-CS

Necropsy

Specimen	Test Name
NO ID - Mammal - Bovidae - Sheep - Dorper - Male	
Fetus - 1	Necropsy (Necropsy - ABORTED FETUS)
	<u>SIGNALMENT:</u> An approximately 35cm crown rump length ovine fetus is submitted for histologic examination. Placenta is also submitted.
	<u>NECROPSY FINDINGS:</u>
	EXTERNAL EXAM /INTEGUMENTARY: The fetus is covered with tan to yellow meconium.
	LIVER: The liver has multifocal to coalescing areas of reddish discoloration.
	NERVOUS SYSTEM: With the skull, there brain should be, there is a membrane bound fluid filled sack. A small amount of presumed neural tissue is at the base of the skull (hydranencephaly, presumed).
	MUSCULOSKELETAL SYSTEM: Both the forelimbs and hindlimbs have angular deformities (arthrogryposis).
	RESPIRATORY (nasal cavity, sinuses, larynx, trachea, lungs, pleura), CIRCULATORY (heart, great vessels),

Specimen Test Name

DIGESTIVE (teeth, salivary, oral cavity esophagus, stomach, pancreas, small intestine, cecum, large intestine), URINARY (kidney, bladder), SPLEEN, HEMOLYMPHATIC (thymus, lymph nodes), REPRODUCTIVE (gonads, reproductive tract, placenta), ENDOCRINE (pituitary, adrenal, thyroid, parathyroid), SPECIAL SENSES (ear, eye): No significant lesions observed.

POSTMORTEM ANALYSIS AND DIAGNOSIS:

Cause of congenital arthrogryposis and hydranencephaly including the following Cache Valley Virus, Bluetongue virus, BVDV, and Akabane disease (not in the US). In addition ingestion of Astragalus spp. and Lupine have been associated with it. Its difficult to determine if this true hydranencephaly or a microencephaly due to the dissection of the skull. Furthermore, all of the apparent neural tissue had to be saved for additional testing.

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TENTATIVE DIAGNOSIS:

Hydranencephaly, presumed.

Arthrogryposis

-

TVMDL Amarillo

Virology

Specimen Gender Cache Valley Fever Virus (VN - CVFV-VN)

NO ID - Skull fluid - 3	Male	Positive	16
NO ID - Abdominal fluid - 4	Male	Negative	<4

Specimen Test Name Etiology Result

NO ID - Mammal - Bovidae - Sheep - Dorper - Male			
Lung - 1	Virus Isolation (Cell Culture - VI-CC-STD)	No virus isolated	Negative
The liver and heart were also tested on cell culture and no viruses were isolated. Additional passages on cell culture are still in progress and you will be notified if this additional work results in positive virus culture.			
Virology Section Head 2-20-19			

General Results

Positive titers on virus neutralization tests can either be from vaccination or from exposure.

Virology Section Head
2/22/19

Cache Valley Virus VN was retested on 2-19-19.

Virology Section Head
02-18-19

Skull and abdominal fluid are not validated samples for the Cache Valley Virus VN (virus neutralization) test. Therefore, test results of positive or negative titers should be taken into consideration with this non-validation.-S. Berry 2/13/19

Client Report History

Report Type	Delivery Method	Sent To	Date Sent
Preliminary	Email		2/12/2019 4:38 PM
Interim	Email		2/13/2019 10:22 AM
Interim	Email		2/19/2019 5:47 PM
Interim	Email		2/20/2019 4:03 PM
Interim	Email		2/22/2019 8:46 AM
Final	Email		2/22/2019 9:32 AM

Lab Code Legend

CS = College Station A = Amarillo P = Center G = Gonzales D = Drug Lab