



California Animal Health & Food Safety Laboratory System

105 W. Central Avenue
San Bernardino, CA
92408-2113

Preliminary
Version 1

CAHFS Case #: S0711436
Referral #:
Case Coordinator: Kinde, Hailu
Date Received: 10/25/2007
Date Collected:

Preliminary report sent by: Kinde, Hailu on 10/29/2007 3:39:31PM

This report supersedes all previous reports for this Case.

Mail To:

HORN, RICK/PATI
35215 AVENIDA MANANA
MURRIETA, CA 92563

Contacts:

Role	Full Name	Phone	Address
Submitter	THACHER, JOANNE	760-723-7747	1706 RAINBOW VALLEY BLVD FALLBROOK, CA 92028
Owner	HORN, RICK/PATI	951-679-7795	35215 AVENIDA MANANA MURRIETA, CA 92563

Collection Site:

HORN, RICK/PATI
35215 AVENIDA MANANA
MURRIETA, CA 92563

Specimens Received: 1. Carcass;

Specimen Details:

ID	ID Type	Taxonomy	Gender	Age
S0711436-01	CAHFS Internal ID	Alpaca	Female	9 Days

Laboratory Findings/Diagnosis

History of respiratory distress becoming worse after the fires in a 9 day old cria, with:
- diffuse red uncollapsed lungs with thick fibrinous plugs in bronchi, trachea and turbinates
- pending histopathology, bacteriology, heavy metal analysis, virology and Vitamin E/Se levels.

Case Summary

10-26-07: The gross necropsy examination showed marked, diffusely red uncollapsed lungs with thick fibrinous plugs in the bronchi and trachea. Complete respiratory work up to include bacteriology, virology and histopathology is underway to determine respiratory pathogen (s). We have collected extensive array of tissues in case we need to perform extra diagnostic work. Results shall be sent out as they become available.

Clinical History

Brought in for evacuated ranch, 1 alpaca attended show at Monterey, about 25 ill with heavy nasal discharge, including crias dam. 2 progressed to pneumonia, including dam. Respiratory distress prior to fires, progressively worse.

Gross Observations

Necropsy of a 8.9 kg female alpaca began at 4:00 p.m. on October 25, 2007.

Externally, the carcass was unremarkable. The animal was in fair state of nutrition and tissues were in good postmortem preservation. The stomach compartments contained a pale brownish ingesta. The contents of the small and large intestines were normal. The liver, kidneys, adrenals, heart, thymus and spleen were normal. The lungs were not collapsed and diffusely red. The trachea and bronchi contained a thick fibrinous exudate/plug. The sinus turbinates also contained more of the same. The brain showed mild menigeal edema.

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Accession # S0711436

October 28, 2007

Bacteriology

BACTERIAL AEROBIC CULTURE

Animal/Source	Specimen	Specimen Type	Date Tested	Result	Comments
S0711436-01	1	Liver Tissue	Pending		
S0711436-01	1	Lung Tissue	Pending		

SALMONELLA CULTURE - MAMMALIAN

Animal/Source	Specimen	Specimen Type	Date Tested	Result	Comments
S0711436-01	1	Liver Tissue	Pending		
S0711436-01	1	Colon Contents	Pending		

Biotechnology

Histology

Toxicology