



MONTANA VETERINARY DIAGNOSTIC LABORATORY

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PATRICK RYAN CLARKE D.V.M.
PO BOX 202001
HELENA MT 59601

CASE: 16-9536
Name/ID: Red 68
Species: American Bison
Sex: Female Age: 2 Years
Owner: USDA APHIS

FINAL REPORT 03/08/16

Accessioned: 01/13/16
Authorized by: BL

Previous Reports
01/13/16
03/08/16
03/08/16

CASE SUMMARY

Additional Information

Brucella abortus was isolated for tissues. See NVSL report.

Verified on: 03/08/16 by: BL

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A. W. Layton, DVM, Diplomate, ACVP

Case Summary

REASON FOR SUBMISSION: Forelimb paresis

Verified on: 01/13/16 by: BL

LABORATORY DIAGNOSIS: Hemorrhage, severe, subcutis/musculature of abdomen, thorax, scapula and humerus

COMMENT: As you suspected, there was massive hemorrhage in this animal, probably a combination of being restrained in the chute and from the pen mates. Your description stated that this animal was unable to extend the front legs but had normal function of the hind legs which would be indicate radial nerve damage. There was significant trauma to the tissue but muscle were intact. Lesions were not noted in the vertebral column. The carcass decomposed quickly despite being placed in the cooler overnight and the decomposition hindered lymph node harvest.

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A. W. Layton, DVM, Diplomate, ACVP

PATHOLOGY

Pathology

Verified on: 01/13/16 by: BL

GROSS DESCRIPTION: The carcass is of a 600 pound, female, adult, bison. Tags numbers are RFID-840003003405785; red-tag 68; and 87APF6879. Animal was submitted at 5:00 PM, 1-12-16 and the carcass was placed in the cooler overnight. Necropsy was performed on 1-13-16 at 10:30AM. The carcass is bloated and autolysis is marked. Lymph nodes were difficult to identify. There is massive hemorrhage in the subcutis and deeper musculature of the lateral and ventral surfaces of the thorax and abdomen and over the scapula and humeral regions, bilaterally. The right 13th rib is fractured, mid region.

GROSS DIAGNOSIS: Hemorrhage, severe, subcutis and musculature of abdomen, thorax, scapula and humerus, bilateral

HISTOLOGIC DESCRIPTION: Not performed

HISTOLOGIC DIAGNOSIS: Not performed

REFERRAL

Brucella Culture

Carcass

Verified on: 03/08/16 by: JM

Animal ID

Test

Result

Red 68

Brucella Culture

Please see attached