



MONTANA VETERINARY DIAGNOSTIC LABORATORY

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

CASE: 17-19394
Name/ID: Gr29
Species: American Bison
Sex: Male Age: Adult
County: Park
Owner: USDA, APHIS, VS

FINAL REPORT 10/07/17

Accessioned: 05/19/17
Authorized by: SS

Previous Reports
10/10/17

CASE SUMMARY

Verified on: 10/07/17 by: SS

REASON FOR SUBMISSION:

Recumbency and external trauma

LABORATORY DIAGNOSIS:

Multiple rib fractures and lung lacerations

COMMENT:

Gross evaluation of this animal confirms the presence of multiple rib fractures with associated soft tissue damage, including lung lacerations. No other significant gross or microscopic changes are present in the evaluated tissues, and samples collected for Brucella culture are found to be negative.

Stephen K. Smith, DVM, Diplomate, ACVP

PATHOLOGY

Verified on: 10/07/17 by: SS

GROSS DESCRIPTION:

This is the carcass of a six-year-old (per history) adult, male bison, in good body condition, with mild autolysis. Green plastic tag 29 is present in the ear.

There are multiple rib fractures, with extensive underlying hemorrhage and multiple lung lacerations. No other significant gross changes are present.

HISTOLOGIC DESCRIPTION:

All of the following tissues are examined histologically, and contain no significant microscopic changes: Heart, lung, liver, kidney, spleen, small intestine, and colon.

HISTOLOGIC DIAGNOSIS:

No diagnosis

004841

REFERRAL

Brucella Culture

Tissue

Verified on: 08/01/17 by: MM

Animal ID

Test

Result

Gr29

Please see attached



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
 The USDA is an equal opportunity provider and employer.

FINAL REPORT

Laboratory Test Report

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

Owner USDA,APHIS,VS Corwin Springs, MT	Accession Number: 17-016587
Animal Location Park County MT, US	Date Collected: 05/19/2017 Date Received: 05/23/2017
Submitter - 30025 Montana Veterinary Diagnostic Laboratory Box 997 Bozeman, MT 59771 FAX #: 406-994-6344 Phone #: 406-994-4885	Date Completed: 08/01/2017 Collected By: Stephen K. Smith Purpose: Surveillance Referral Number: 17-19394 This is not a billable case.

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

Sample: 17-19394 Animal ID: Gr29 Brucella Case Number: B17-0257 Specimen Type: Tissue Species: Bison (Not otherwise specified)

Brucella Isolation Result No Isolation Made

Individual specimen results are listed below:

Lymph Node / Lymph Node- Parotid Brucella Isolation Result	No Isolation Made
Lymph Node / Lymph Node- Mandibular Brucella Isolation Result	No Isolation Made
Lymph Node / Lymph Node- Retropharyngeal Brucella Isolation Result	No Isolation Made
Lymph Node / Lymph Node- Prescapular Brucella Isolation Result	No Isolation Made
Lymph Node / Lymph Node- Hepatic Brucella Isolation Result	No Isolation Made
Lymph Node / Lymph Node- Internal Iliac Brucella Isolation Result	No Isolation Made
Tissue / Spleen Brucella Isolation Result	No Isolation Made
Tissue / Epididymis Brucella Isolation Result	No Isolation Made
Testicle / Testicle Brucella Isolation Result	No Isolation Made



17-19394
05/19/17

Results authorized by: Dr. Suelee Robbe-Austerman, Section Head, Mycobacteria and Brucella Section
 NVSL MB General Phone: 515-337-7388

FEES:

Hematoxylin & Eosin	0.00
Brucella Culture	0.00
Shipping	22.00
Incineration per pound	416.00
Case Summary	0.00
Necropsy LA >500#	157.50
Total	595.50

(This is not a bill. Do not make payments from this report.)