

Report Date
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VETERINARY DIAGNOSTIC LABORATORY

1800 DENISON AVENUE
MANHATTAN, KS 66506-5606
Phone #: 866-512-5650 Fax #: 785-532-4481

Owner: ALICIA LIPS
1156 1600 AVE
ABILENE, KS 67410

Accession Number: 11-141207

Case Coordinator: Gordon Andrews

Received: 12/28/2011 Finalized: 01/05/2012

Sampled: 12/24/2011

To: .
OWNER SUBMISSION (*BILL OWNER*)

History: A 5-year-old female intact German Shepherd was submitted for necropsy examination on 12/28/11. The dog was suspected to have inflammatory bowel disease (IBD). The owner would like to confirm but they were not sure if possible due to frozen carcass. The dog was euthanized on 12/24/11. The dog had frequent liquid diarrhea from 5 months old and up. Raw turkey diet was best for the dog. Daily prednisone pills helped. Occasional metronidazole treatments were also given. Because the carcass was frozen, the carcass was allowed to thaw and necropsy was performed on 12/31/11.

Final Report

ADMINISTRATION RESULTS

CREMATION

ANIMAL ID	Kenya
BREED	German Shepherd
AGE	5y
SEX	Female
COMMENTS	PICKED UP FOR CREMATION BY COMPANION ANIMAL PET CREMATORY

PATHOLOGY RESULTS

NECROPSY

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PATHOLOGY RESULTS

SPECIES	Dog
BREED	German Shepherd
SEX	Female
AGE	5y
ANIMAL ID	Kenya
SPECIMEN DESC	Dead Animal

DIAGNOSIS Enteritis, lymphoplasmacytic, fibrosing, chronic, diffuse

COMMENTS The lymphoplasmacytic infiltrates and fibrosis indicates chronicity of the inflammation. The microscopic lesions and history of chronic diarrhea is compatible with the clinical syndrome of inflammatory bowel disease (IBD) which is commonly seen in German Shepherd dogs. The causative agent for IDB is unknown but an immunologic reaction to dietary components is suspected.

NECROPSY FINDINGS The dog was in poor body condition with a body condition score of 1.5/5. The lumen of the entire small intestine was filled with greenish to lightly brown liquid material that is mixed with partially digested chunks and strands of fowl smelling food material. The lumen of the large intestine contained greenish soft to liquid feces mixed with large strands of partially digested food material.
There were no gross lesions in the lungs, heart, thyroid glands, stomach, spleen, pancreas, kidneys, ureters, urinary bladder, urethra, musculoskeletal system, reproductive tract, adrenal glands or brain. The spinal cord was not examined.

HISTOPATHOLOGIC DESCRIPTION Small intestine: All examined sections of small intestine are similar. The lamina propria of the villi is multifocally expanded by moderate numbers of lymphocytes and plasma cells. Diffusely, the lamina propria is expanded and replaced by increased collagen fibers that separate the crypts. Multifocally crypts are dilated with mucin and eosinophilic secretory material.
There are no significant microscopic lesions in the heart, lungs, stomach, skeletal muscles, pancreas, uterus, or brain.

PATHOLOGIST GORDON ANDREWS, DVM, PHD, DIPLOMATE ACVP
RESIDENT MADHUSUDAN GORAVANAHALLY, DVM, PHD

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ALICIA LIPS
1156 1600 AVE
ABILENE, KS 67410

Animal ID: KENYA

Multiple Specimens

Species: DOG

Breed: GERMAN SHEPHERD

Summary of Estimated Charges

The charges displayed may be split among two or more client accounts.

Description	Item #	Qty	Unit Price	Tax	Total
CREMATION	800-1095	1	\$0.00	\$0.00	\$0.00
HISTOPATH NECROPSY 5+ TISSUES	805-10	1	\$68.50	\$0.00	\$68.50
NECROPSY	810-1005	1	\$0.00	\$0.00	\$0.00
			Total:	\$0.00	\$68.50
			Grand Total:		\$68.50

This is not an invoice; it is a summary of charges for this accession as of this date and time.

A monthly invoice will be sent the first week of the month from the Kansas State University Business Office. Monthly invoice will display all current charges and the balance due. For all charges that are not paid within 30 days of the monthly invoice, there will be a finance charge computed from the invoice date. Please direct any billing questions to the KSU Business Office, 785-532-3294.