



GOVERNMENT OF WEST BENGAL
DIRECTORATE OF ANIMAL RESOURCES AND ANIMAL HEALTH
RDDL (ER)

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TEST REPORT

1. Particulars of the sample/s : Pieces of Brain, Lung, Heart, liver, Spleen, Kidney.
2. Animal(s)/Bird(s)/Other Species affected : Fishing Cat (Male)
3. Sample/s received from : Assistant Director, ARD(VR&I), Pathological Cum Diagnostic Lab, Alipore Zoological Garden, Kolkata.
4. Test performed : Histopathology
5. Laboratory ID. No. : Memo no 25/ 19-20 Dated 13.05.19.
6. Sample Identification Number : DP - 26 (TS-103 to 108) /19-20

Histopathological Observations:

Sl. No.	Tissue Sample	Lab ID No.	Interpretations
1.	Brain	DP - 26/TS-103	Section shows no significant lesion.
2.	Lung	DP - 26/TS-104	Section shows emphysema, atelectasis along with pinkish exudates in the alveoli, bronchiole, and interstitial spaces.
3.	Heart	DP - 26/TS-105	Section shows multiple thrombus formation inside blood vessels along with discreet haemorrhages and oedema in the myocardial space . Section also depicted myocardial degeneration and myocardial infarction.
4.	Liver	DP - 26/TS-106	Section shows hepatic degeneration and multifocal necrosis along with hemorrhages in the liver parenchyma. Section also depicted excessive proliferation of portal area along with mononuclear cell infiltration.
5.	Spleen	DP - 26/TS-107	Section shows lymphoid depletion along with focal necrosis of splenic parenchyma
6.	Kidney	DP - 26/TS-108	Section shows focal necrosis of cortical part of kidney along with thickening of Bowman's capsule and adhesion between Bowman's capsule, fragmentation of glomerular tuft along with peri glomerular oedema, profuse infiltration of inflammatory cells around Bowman's capsule and interstitial space. The renal tubules show degenerative and necrotic changes in the lining epithelium and along with proteinaceous material in the dilated urinary spaces suggesting Nephritis.

* Clinical symptoms should be corroborated with the laboratory findings.

Memo No.147 /DP

Date: 24/05/19

Submitted to the AD,ARD(DI) IAH&VB,Kolkata for compilation and taking necessary action please.

Memo No. 628

Copy forwarded for information and necessary action to :

1. Assistant Director, ARD (VR&I), Pathological Cum Diagnostic Lab, Alipore Zoological Garden, Kolkata.

Specialist (Actg)
Diagnostic Pathology RDDL (ER)
RDDL(ER) IAH&VB-KOLKATA

Dated. 24.5.19

Joint Director
RDDL(ER) IAH&VB, KOLKATA