



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 lungs, liver, Spleen & Kidney
2. Animal(s)/Bird(s)/Other Species affected : Dog (Labrador), Male, Age-6 yrs
3. Sample/s received from : Assistant Director ARD(DI), IAH&VB Kolkata
4. Test performed : Histopathology
5. Laboratory ID. No. : Memo No. 259 (4)/DI Lab/AD ARD
Dated 16/04/19
6. Sample Identification Number & Received date : DP -16/ TS - 62 to TS - 65 / 19-20.

Histopathological Observations:

Sl. No.	Tissue Sample	Lab ID No.	Interpretations
1.	Lung	DP - 16/TS-62	Section shows emphysema of alveoli and most of the alveoli are filled with pinkish exudates and hemorrhages along with mononuclear cell infiltration and hemosiderin laden macrophages. Discreet hemorrhages and edema are present in the interstitial space of lung parenchyma may be indicating Pneumonia .
2.	Spleen	DP - 16/TS-63	Section shows depletion of lymphocyte in the red pulp area of spleen parenchyma.
3.	Liver	DP - 16/TS-64	Section shows hepatic degeneration along with peri portal fibrosis , congestion of blood vessels and hemorrhages
4.	Kidney	DP - 16/TS-65	Section shows thickening of Bowman's capsule and adhesion between Bowman's capsule and glomerular tuft along with discreet hemorrhage , infiltration of inflammatory cells and profuse hemosiderin laden macrophage . The renal tubules show degenerative changes in the lining epithelium and dilated urinary spaces which are filled with proteinaceous material.
5.	Small Intestine	DP - 16/TS-97	Section shows extensive necrosis of crypt of epithelial cells ,collapse of lamina propria ,discreet hemorrhage accompanied by mononuclear cells infiltrate suggesting Hemorrhagic Enteritis.

** Clinical symptoms should be corroborated with the laboratory findings.

Memo No.127 /DP

Date: 29 /04/19

Submitted to the Joint Director, RDDL, IAH&VB, for taking necessary action please

Specialist(Actg)

Diagnostic Pathology, RDDL (ER)

Dated. 29.04.19

Memo No. 520

Copy forwarded for information and necessary action to :

1 Assistant Director ARD (DI), IAH&VB Kolkata

Joint Director
RDDL(ER) IAH&VB-KOLKATA