



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 Lung, Liver, Kidney, Trachea, Heart & Spleen..
2. Animal(s)/Bird(s)/Other Species affected : Male Spotted Deer(Jhargram Zoological Park)
3. Sample/s received from : Assistant Director, ARD(DI), Paschim Medinipur
4. Test performed : Histopathology
5. Laboratory ID. No. : Memo no 304/ADDI/MID(W) dated 21.05.2019
Lab Id no. 22/Histo/32
6. Sample Identification Number : DP - 28(TS-115 TO TS-120) /19-20

Histopathological Observations:

Sl. No.	Tissue Sample	Lab ID No.	Interpretations
1.	Lung	DP-28/TS-115	Section shows atelectasis of the bronchiole and alveoli along with severe peribronchiolar and perialveolar fibrosis. The bronchiole and alveoli are filled with fibrinous exudates, desquamated epithelium along with excessive infiltration of neutrophils and epithelioid cells, giant cells in the interstitial spaces. There is formation multiple granuloma containing central caseative necrosis and calcification which is surrounded by epithelioid cells, mononuclear cells and giant cells may be suggesting Chronic Tubercular Bronchopneumonia.
2.	Liver	DP-28/TS-116	Section shows degeneration and necrosis of the hepatocytes along with periportal fibrosis and infiltration of mononuclear cells.
3.	Kidney	DP-28/TS-117	Section shows adhesion between Bowman's capsule and glomerular tuft along with peri glomerular edema and infiltration of inflammatory cells. The renal tubules show degenerative changes in the lining epithelium and along with proteinaceous material in the dilated urinary spaces.
4.	Trachea	DP-28/TS-118	Section shows no significant lesion.
5.	Heart	DP-28/TS-119	Section shows degeneration of myocardial fiber along with mononuclear cell infiltration suggesting myocarditis.
6.	Spleen	DP-28/TS-120	Section shows severe hypertrophy of splenic artery and splenic cord along with depletion of lymphocyte.

* Clinical symptoms should be corroborated with the laboratory findings.

Memo. 149 /DP

Date: 31/05/19

Submitted to the Joint Director, RDDL(ER), IAH&VB-Kolkata and taking necessary action.

[Signature]
31/05/19

Specialist(Actg)
Diagnostic Pathology RDDL (ER)

Memo No. 673

Copy forwarded for information and necessary action to :

2. Assistant Director, ARD(DI), Paschim Medinipur

Dated. 31/5/19

[Signature]
31/5/19

Joint Director
RDDL(ER) IAH&VB-KOLKATA