



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, Heart., Liver, Spleen
2. Animal(s)/Bird(s)/Other Species affected : Nilgai (M)
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 21/ 19-20 Dated 26.04.19.
6. Sample Identification Number : DP - 22 (TS-92 to 95) /19-20

Histopathological Observations:

| Sl. No. | Tissue Sample | Lab ID No. | Interpretations |
|---------|---------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Lung | DP - 22 / TS-92 | Section shows severe pulmonary edema and emphysema together with hyperemia and hemorrhages. The bronchi and alveoli are filled with desquamated epithelium and serous exudates. Section also depicted peribronchiolar fibrosis and thickening of interstitial spaces along with infiltration of mononuclear cells suggesting Bronchopneumonia. |
| 2. | Heart | DP - 22/ TS-93 | Section shows fatty degeneration, mild necrosis of the muscle fibers along with mononuclear cell infiltration |
| 3. | Liver | DP - 22 /TS-94 | Section shows Hepatitis characterised by fatty degeneration, focal hepatocellular necrosis, marked congestion in widened sinusoid and dilated central veins along with periportal lymphocytic infiltration. |
| 4. | Spleen | DP - 22/TS-95 | Section shows lymphoid hyperplasia along with focal lympholysis hypertrophy of splenic artery and congestion and hemosiderin deposition |

* Clinical symptoms should be corroborated with the laboratory findings.

Memo No.133 /DP

Date: 08/05/19

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

[Signature]
Specialist (Actg)

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

Dated. 8/5/19

Memo No. 556

Copy forwarded for information and necessary action to :

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

[Signature]
Joint Director
RDDL(ER) IAH&VB-KOLKATA