



GOAT AFFECTED WITH PPR

Peste des petits ruminants, commonly known as PPR is an acute and highly contagious viral disease of small ruminants, which is characterised by high fever, ocular and nasal discharge, pneumonia, necrosis and ulceration of the mucous membrane and inflammation of the gastro intestinal tract leading to severe diarrhoea. There is 100% mortality.

How To Diagnose:



 <p>ADMaC Core Lab-I</p>	<p>Affected goats show depression, fever (104-106°F), rough hair coat, oculo-nasal discharge.</p>
 <p>ADMaC Core Lab-I</p>	<p>With the onset of fever, gums become hyperaemic and erosive lesions develop in the oral cavity. Excessive salivation and purulent nasal discharge. Erosions may resolve or coalesce.</p>



Congestion of conjunctiva, crusting on the medial canthus and sometimes profuse catarrhal conjunctivitis.



Severe watery, blood stain diarrhoea is common in later stages.

	<p>Lungs showing consolidation.</p>
	<p>Haemorrhage in the stomach</p>
<p><u>Type samples to be collected :</u> From ailing goat-eye swab, serum and blood in EDTA. In dead goat- spleen, lung, tonsil, lymph nodeen, kidney, ileal loop.</p> <p><u>Laboratory tests to be performed :</u></p> <ol style="list-style-type: none"> i. Seological test- AGPT, CIE, ELISA, VNT ii. Virus isolation iii. PCR 	

Whom To Contact:

- Local Veterinarian Officer/ Field Assistant.
- ADMaC, Core Lab, AAU, Khanapara, ICARC-NEH, Barapani, CAU, Selesih, Aizaw, Mizoram
 - ◆ Dr Arnab Sen, Email : arnabsen123@gmail.com, Mob no: 08974027632,
 - ◆ Dr. N.N.Barman, E mail: nbarman@gmail.com, Mob No.0943555 8788,
 - ◆ Dr Tapan Dutta, Email: tapandutta@rediffmail.com, Mob no: 09862335294,

What will you do:

- Do not allow goats to move out.
- Separate the affected ones from the healthy.
- Inform nearest Veterinary Doctor/Field Assistant.
- Supportive treatment with fluid, antibiotics can reduce mortality.
- Send appropriate samples through Veterinary Doctor/Field Assistant to the nearest diagnostic laboratory/ ADMaC Core Lab-I, Khanapara for confirmation of the disease.
- Bury dead goats in 5 to 6 feet deep pit putting sufficient amount of common salt/lime or washing soda.
- Clean farm premises with phenol.

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