



SHETH VADILAL SARABHAI GENERAL HOSPITAL
AND

SHETH CHINAI MATERNITY HOSPITAL

ELLIS BRIDGE, AHMEDABAD 380006.

Phone: 079 - 265 77 621 To 24 ext. 230 Fax: 079 - 265 77 647 ; 079 - 26579282;

LABORATORY REQUEST FORM FOR RABIES (ANIMAL CASES)
DEPARTMENT OF MICROBIOLOGY

Reg. No. : _____ Date: _____

Type of Animal : Dog/Cat/Cattle/Any other, specify

Ref. by: Hosp./ : _____ Doctor: _____

Ward / Unit:

Address : _____

_____ Phone: _____

Type of sample: Ante mortem: Saliva / corneal impression smear
Post mortem: Brain / spinal cord / salivary gland

History of exposure to other animal:

Date of animal bite : _____ Status of animal: Live / Dead

Site of bite : _____

Category of wound : I II III

Past H/O anti rabies vaccination :

Clinical presentation:

In dog : Change in behavior of dog/change in bark tone/change in feeding habits/
Fever/vomiting/excessive salivation/paralysis of lower jaw/anxiety/
Restlessness/convulsions/paralysis/Any other, specify...

In Cat : Dumb rabies (paralytic manifestations)/Furious rabies (Aggressive behavior)
Extreme aggressiveness/sensitivity to touch or noise/salivation, any other...

In cattle : Abnormal movement of posterior extremity/foamy yellow froth/
Decrease in yield of milk/Any other, specify...

Treatment / immunization taken:

Sample Received Date & Time: _____

(DOCTOR'S SIGNATURE WITH NAME)

COLLECTION AND TRANSPORTATION OF SPECIMENS FOR LABORATORY DIAGNOSIS OF RABIES (ANIMAL CASES)

COLLECTION OF SPECIMENS

Ante mortem specimens shall include saliva, corneal smear.

Postmortem specimens shall usually be brain or spinal cord and salivary glands

Saliva/Sputum:

- a) Wet a sterile cotton swab with normal saline and remove excess medium by squeezing on the sides of the vial.
- b) Swab under the tongue; make two smears each on clean-labeled glass slides.
- c) Air dry the glass slides for 10 minutes.
- d) Discard the swabs in suitable disinfectants.
- e) Wrap in paper and dispatch to the laboratory.

Corneal Smear:

- f) Retract the eyelids with thumb and one finger and press a clean marked slide against the cornea.
- g) Prepare two smears on each slide taking care to apply sufficient pressure to get the smear. Avoid exerting too much pressure as it may damage the eye.
- h) Air dry the smears for 10-15 minutes and treat with chilled acetone.

Brain:

The brain is collected at autopsy., which is then put in 50% glycerol saline.

If it is not possible to send the whole brain, pieces from Ammons horn of hippocampus, cerebrum, cerebellum, pons and medulla may be included.

PRESERVATION

If possible the samples of brain and salivary glands may be sent in wide mouth leak proof containers preserved on ice. However, if the samples are to be sent long distance, these may be preserved by use of 50% glycerol saline

LABELLING

All the specimens e.g. slides, vials must be labeled with number of specimens, name of the patient, or species of the animal, type of preservative used etc. Permanent markers should be used. The parcels should also be labeled properly. Information to be enclosed:

- (a) Hydrophobia: Name, Age, Gender, Treatment taken, Exposure to animal etc. may be enclosed.
- (b) Animal: The species and breed of animal, Contact with other animal, symptoms, mode and date of death vaccination status etc.

PACKING AND TRANSPORTATION

- (a) It should preferably be wide mouth leak proof containers.
- (b) Seal the mouth of the container with tape or sealing paraffin.
- (c) Pack in plastic bags and put in thermocol box with sufficient ice.
- (d) If sending by post, pack in sturdy wooden boxes with sufficient material(preferably absorbent cotton/saw dust/paddy husk).
- (e) Transportation by courier/post