

## FARM MONITORING PLAN

Litter, feed, water sampling for bacteriological analysis (total count, coliform count, salmonellae)

- Viral load at farm: This can be done by collecting swabs from walls in a transport media and testing it by PCR. For this purpose collect five pooled swabs each from different places of floors, walls, utensils in a farm and place them in transport media for onward shipment to the lab in a cooler.
- Disinfectant efficacy testing: Send at least 10 ml of the disinfectant sample in the recommended container (e.g. Disposable syringe or Plastic container for Formalin)
- For Salmonella Monitoring in Intestinal & Environment (SMIE) Sample:
- Cloacal swabs: From 100 birds in one shed to be pooled in 10 samples per pool
- Drag Swab: A sterile gauze attached cord provided by lab is dragged in the farm for 15-20 min and placed in the transport media. One such sample from each shed is tested for salmonella monitoring
- Floor Litter: collect 5 gm of litter on top surface from five sites in a pen pooled together
- Nest Box: collect 10 gm litter from the bottom of the nesting box, pool from 5 boxes
- Feed and feed ingredients: 100 gm of sample collected in sterile plastic bag

**NOTE:** For swabs, tissues, and wet samples transport media is to be obtained by the lab.

## INSTRUCTIONS FOR SAMPLING, STORAGE & TRANSPORTATION

- All specimens to be labeled properly. The samples must be collected in sterile syringes or vials or bags for safety and shipped in sterile container with ice packs.
- DO NOT FREEZE SERUM for serological testing. -Tissues for bacterial culture NOT TO BE FROZEN.
- For virus isolation or PCR the tissues and swabs may be frozen.
- DO NOT send organ samples from DEAD BIRDS for diagnosis always get samples from sick/live birds after slaughter.
- All salmonella related environmental specimens can also be refrigerated till shipped.
- Always ship/dispatch samples along with a complete Sample Submission Form (SSF).

For getting SSF and other information prior to shipping the sample please write at [averroeslaboratories@gmail.com](mailto:averroeslaboratories@gmail.com) or contact the lab at 051-2619179 or 0311-7772452.

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