

## FLOCK MONITORING PLAN

Recommended age for serological monitoring is 8<sup>th</sup> week, 16<sup>th</sup> week and 24<sup>th</sup> week before flock is in production followed by every 10 week interval. Here 23 blood samples from a flock under one roof are recommended. In case of any clinical signs of infectious disease it is recommended to bleed flock immediately and then repeat after 2 weeks for confirmation of any disease exposure. Such diseased flocks can be investigated for bacterial and viral infection as well by sending the required specimens. The following tests are recommendation for regular Flock Health Monitoring:

- ELISA based serology for NDV, IBV, APV/SHS, ReoV, CAV, AE, Avian Adenovirus, Fowl Cholera, MG, MS
- HI based serology for H5, H7, H9, EDS virus and IB-variants (Optional)
- Plate agglutination for MG, MS, Salmonellae screening
- Cloacal & oropharyngeal swabs of 10 birds per house pooled to test persistence/shedding of NDV, IBV, AIV, Adeno Virus-4(Hydro) & AAV-8 (inclusion body hepatitis), MG, MS
- Routine infectious disease diagnosis “as and when required” basis.

## INSTRUCTIONS FOR SAMPLING, STORAGE & TRANSPORTATION

- All specimens may 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 should NOT TO BE FROZEN.
- For virus isolation or PCR the tissues and swabs can be refrigerated for short duration and may be frozen at -70C for long term storage.
- DO NOT send organ samples from DEAD BIRDS for diagnosis always get samples from sick/live birds after slaughter.
- Always indicate any live vaccine used during the past 2-weeks prior to sampling.
- 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.