



Specimen Submission Guidelines for Serology Tests

Get your lab results online at VETLAB® Reporting System (VRS) Online
www.vfad.com.my/vrsonline

- Label packed specimens legibly with **specimen type, specimen identification codes** and the **collection date**. Use permanent marker or self-stick labels.
- Place the packed specimens into a larger plastic bag held secure with rubber bands to prevent leakage.
- Pack specimens in a **styrofoam box or suitable transport box** with sufficient **refrigerant materials (ice/gel packs or dry ice)** and courier or hand-deliver to the laboratory along with the Submission form which clearly states the Customer name and address, Billing information, Sender particulars, Specimen details, etc.



- **Minimum requirement: 15 serum specimens per test and 500 ul (0.5 ml) serum per specimen.**
- **Do request complimentary vials when sending samples.**
- **DO NOT send syringes with needles as it poses serious health hazard to the handlers.**
- **Do include sufficient refrigerant materials (gel/ice packs or dry ice) to maintain 4°C or lower until specimens arrive at the laboratory. Cooling can prevent the spoilage of your specimens.**
- **Serum specimens (without the blood cells) can be kept at 4°C for up to 4 days. You may keep in it in the freezer (-20°C) for longer storage.**
- **AVOID freezing serum specimens which contain clotted blood.**



SPECIMEN	SPECIMEN COLLECTION GUIDELINES	RELEVANT TESTS
Serum - (Collecting serum from live birds and large animals)	<ul style="list-style-type: none"> Use a new sterile needle and syringe for each bird/animal. Collect 2.5 to 3mL of blood. Collect blood specimen by wing vein puncture on live bird. Collect blood specimen by jugular vein, anterior vena cava, ear veins puncture on large animals. Allow the syringe to stand at room temperature for 1-2 hours in an upright position for blood to clot. Alternatively, centrifuge at 3000rpm for 10 minutes to separate the red blood cells from the serum. Decant the serum into fresh vials. Label specimens with the animal identification and place in a clean plastic bag. Tie securely with rubber bands and double pack in another plastic bag. 	<p>Applicable to all serology specimens for ELISA, HI and RPAT tests</p> <p><u>Avian</u></p> <p>11ELSA-E052* Adenovirus Group 1 (BIOCHEK)</p> <p>11ELSA-E057 Avian Encephalomyelitis (IDX)</p> <p>11ELSA-E071* Avian Influenza Virus (BIOCHEK)</p> <p>11ELSA-E073* Avian Leukosis Virus (BIOCHEK)</p> <p>11ELSA-E074* Avian Pneumovirus/Avian Rhinotracheitis (BIOCHEK)</p> <p>11ELSA-E028 Chicken Anaemia Virus (IDX)</p> <p>11ELSA-E062 Chicken Astro virus (Biochek)</p> <p>11HEIN-E041 Egg Drop Syndrome Virus (HI)</p> <p>11ELSA-E045* Egg Drop Syndrome Virus (BIOCHEK)</p> <p>11ELSA-E001 Infectious Bronchitis Virus (IDX)</p> <p>11ELSA-E040 Infectious Bronchitis Virus (SYN)</p> <p>11ELSA-E049 Infectious Bronchitis Virus (BIOCHEK)</p> <p>11ELSA-E002 Infectious Bursal/Gumboro Disease Virus (IDX)</p> <p>11ELSA-E029 Infectious Bursal/Gumboro Disease Virus (SYN)</p> <p>11ELSA-E050 Infectious Bursal/Gumboro Disease Virus (BIOCHEK)</p> <p>11ELSA-E053 Infectious Laryngotracheitis/ Herpesvirus (SYN)</p> <p>11ELSA-E005 <i>Mycoplasma gallisepticum</i> (IDX)</p> <p>11ELSA-E051 <i>Mycoplasma gallisepticum</i> (BIOCHEK)</p>
Serum in Vials/ Test Tubes	<ul style="list-style-type: none"> Label specimens with the animal identification and place in a clean plastic bag. Tie securely with rubber bands and double pack in another plastic bag. 	<p>11ELSA-E036 <i>Mycoplasma gallisepticum</i> (SYN)</p> <p>11ELSA-E032* <i>Mycoplasma synoviae</i> (IDX)</p> <p>11ELSA-E003 Newcastle Disease Virus (IDX)</p> <p>11ELSA-E031 Newcastle Disease Virus (SYN)</p> <p>11ELSA-E048 Newcastle Disease Virus (BIOCHEK)</p>
Serum in Syringe (Undesirable/ Discouraged)	<ul style="list-style-type: none"> Cap the syringe needle properly to prevent leakage of serum. 	<p>11HEIN-E042 Newcastle Disease Virus (HI)</p> <p>11HEIN-E042_EXT Newcastle Disease Virus (HI)- Extended Titer above 2048</p>





SPECIMEN	SPECIMEN COLLECTION GUIDELINES	RELEVANT TESTS
Practice)	<ul style="list-style-type: none"> Label specimens with the animal identification and place in a clean plastic bag. Tie securely with rubber bands and double pack in another plastic bag. <p><i>Customers are discouraged to send the sample with syringes as the sample may leak and loosened cap syringes may prick laboratory staff therefore pose a serious health threat to the handlers.</i></p>	<p>11HEIN-E042 EXT20 Newcastle Disease Virus (HI)- Extended Titer above 2¹⁰</p> <p>11ELSA-E027 <i>Ornithobacterium rhinotracheale</i> (IDX)</p> <p>11ELSA-E063 <i>Pasteurella multocida</i> (IDX)</p> <p>11ELSA-E004 Reovirus/Avian Viral Arthritis (IDX)</p> <p>11ELSA-E035 Reovirus/Avian Viral Arthritis (SYN)</p> <p>11ELSA-E056 Reovirus/Avian Viral Arthritis (BIOCHEK)</p> <p>11ELSA-E006 Swollen Head Syndrome/ Avian Metapneumovirus (IDX)</p> <p>11ELSA-E047 Salmonella Group B and Salmonella Group D (BIOCHEK)</p> <p>Porcine</p> <p>11ELSA-E007 Aujeszky's Disease - gp1 Deleted (IDX)</p> <p>11ELSA-E013 Aujeszky's Disease - gB antibodies (IDX)</p> <p>11ELSA-E060 Classical Swine Fever Virus (BIOCHEK)</p> <p>11ELSA-E008 <i>Mycoplasma hyopneumoniae</i> (IDX)</p> <p>11ELSA-E009 Porcine Reproductive and Respiratory Syndrome Virus (IDX)</p> <p>11ELSA-E046* Porcine Circovirus Type-2 Ab Mono Blocking (SYN)</p> <p>11ELSA-E075* Porcine Circovirus Type-2 (BIOCHEK)</p>

[Disclaimer: Tests marked "*" in this guidelines are "Not SAMM Accredited" and are not included in the SAMM Accreditation Schedule of this laboratory]

