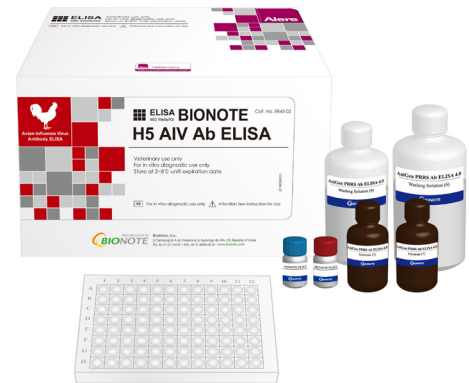


H5 AIV Ab ELISA

Avian Influenza type A subtype H5 virus antibody

Wild birds and some poultry infected by HPAI subtype H5 show no clinical signs, and their virus shedding amount is too small to be detected by an antigen capture immunoassay. The AniGen H5 AIV Ab ELISA has been developed for screening these latent H5 AIV carriers by detecting AIV subtype H5 antibodies.



Indications

- Antibody titer check after vaccination
- H5 AIV carrier monitoring in non-vaccinated group
- H5 AIV antibody detection for prevention program

Special Features

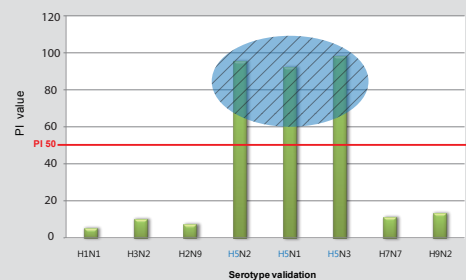
- No cross-reaction with other AIV subtype antibodies
- Species: Chicken, duck, Quail
- Specimen: Serum, Plasma, Egg yolk
- No sample dilution is required
- Reading time: 1 hour and 45 minutes
- Sensitivity: Chicken 96.9% (vs. HI)
- Specificity: Chicken 100% (vs. HI)

Quick Procedure

1. Prepare AIV H5 antigen coated test plate
2. Add 50 μ l of controls and sample to wells
3. Add 50 μ l of Mab-HRP (1:100 dilution in the conjugate diluent) to all wells
4. Incubate plate for 90 minutes at 37 $^{\circ}$ C
5. Wash plate 6 times
6. Add 100 μ l of substrate solution and incubated for 15 minutes at room temperature
7. Add 100 μ l of stop solution
8. Measure the optical density (OD) at 450 nm with reference wavelength at 620nm
9. PI value= $[1-(\text{OD sample}/\text{mean OD negative})] \times 100$

Serotype validation

- Anigen H5 AIV Ab ELISA detects only H5 serotype
- High sensitivity and specificity compared with HI test serotype validation



Ordering Information

Cat. No.	Description	Type	Pack size
EB45-03	H5 AIV Ab ELISA	Microplate	480 Wells/ Kit