VHSV Ag ELISA



EAN Code: 8595635303111
Catalog number: VHS096
Package size: 96 tests
Storage: 2-8 °C
Producer: TestLine Clinical Diagnostics s.r.o.

Description:

- Microtitre wells are coated with specific antibodies to VHS virus.
- The kit enables 48 screening tests in duplicates, including controls.
- The whole kit may be used at one time, or sequentially for smaller batches of samples.
- Assay sensitivity (103 TCID50 / 0.1 ml of the examined fluid) is sufficient for the routine examination of field samples.
- Total assay time: approximately 4 h.
- Tested by the Veterinary Research Institute, Brno, Czech Republic and the State Veterinary Institutes in the Czech Republic.
- Approved by the Institute for State Control of Veterinary Biologicals and Medicaments, Czech Republic.
- The kit is manufactured in accordance with Good Manufacturing Practice (GMP).
- Shelf life: 18 months.

Applications:

- Detection of VHSV in organ homogenates and in the media of infected cell cultures.
- Diagnosis of the infection.
- Control of fish before transport.
- Control of quarantined fish (export, import).

Brief assay procedure:

1. Dilute samples and pipette them into the wells:

   a) screening test: 1+1 - dilute the samples directly in the wells.

b) titration test: 1+1 to 1+255 - dilute the samples directly in the wells.

2. Incubate for 60 min at 37 °C.
3. Aspirate and wash the wells 3 times.
4. Add rabbit antibodies to VHSV.
5. Incubate for 60 min at 37 °C.
6. Aspirate and wash the wells 3 times.
7. Add Conjugate (an antibody to rabbit IgG labelled with peroxidase).
8. Incubate for 60 min at 37 °C.
9. Aspirate and wash the wells 3 times.
10. Add substrate (TMB-Complete).
11. Incubate for 10 min at 20 °C.
12. Add Stopping solution (H2SO4).
13. Read absorbance photometrically at 450 nm.
14. Evaluate results.