SVCV Ag ELISA



EAN Code: 8595635303135
Catalog number: SVC096
Package size: 96 tests
Storage: 2-8 °C
Producer: TestLine Clinical Diagnostics s.r.o.

Description:

- Microtitre wells are coated with specific antibodies to SVC virus.
- The kit enables 96 screening tests, including controls.
- The whole kit may be used at one time or sequentially for smaller batches of samples.
- Assay sensitivity (102,8 - 103,5 TCID50 / 0.1 ml of the examined fluid) is sufficient for the routine examination of field samples.
- Total time of survey according to sample incubation duration:
  - over night: results in second day.
  - rapid test: approximately 2,5h.
- 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.

Application:

- Detection of SVCV 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 (sample + RASVCV) directly in the wells.

   b) titration test: 1+1 (sample + RASVCV) to 1+255, directly in the wells.

2. Incubate:

   a) over night: 14-18 hours at 4-8°C

   b) rapid test: 60 min at 37°C

3. Aspirate and wash the wells 4 times.
4. Add Conjugate (an antibody to rabbit IgG labelled with peroxidase).
5. Incubate for 60 min at 37 °C.
6. Aspirate and wash the wells 4 times.
7. Add substrate (TMB-Complete).
8. Incubate for 10 min at room temperature (20 °C).
9. Add Stopping solution (H_2SO_4).
10. Read absorbance photometrically at 450 nm.
11. Evaluate results.