

**Pseudorabies Virus IgE Antibody ELISA Kit
Cat#AE-200135-2 (96 wells x2)**

Pseudorabies Virus IgE Antibody ELISA kit | Qualitative | -ve and +ve control serum | Sample=100 ul; 100 min assay

Pseudorabies Virus IgE Antibody ELISA Kit Features

- Antigen Pre-coated, stabilized, ready-to-use 96-well strip plate, suitable for multiple runs up to 6 months.
- Convenient Positive and Negative serum Standards, a reference control for QC.
- 100ul samples
- 100 minutes, 3 incubation steps
- Contains all necessary reagents.

This kit is for detection of Pseudorabies virus IgE antibody in swine serum. For in vitro research use only.

Assay Procedure: Allow all reagents to reach room temperature. Arrange and label required number of strips.

- Step 1.** Pipet **100 ul of each pre-diluted positive serum, pre-diluted negative, control** (containing only sample diluent), **samples containing anti PRV-gE antibodies** (diluted as required) in duplicated wells. Mix gently and incubate **for 30 min at 37 °C.**
- Step 2.** **Aspirate and wash** the plate three times. **Add 100ul of enzyme conjugate** to all wells, mix gently and incubate at **for 30 min 37 °C.**
- Step 3.** **Aspirate and wash** the plate three times. Add **50 ul of each substrate A and B** solution to all wells, mix gently, and incubate for **10 min** at room temperature in the dark.
- Step 4.** Pipet **50 ul of stop solution** into each well and mix gently (blue color turns yellow). **Measure OD at A630 nm.** The samples are positive if the value is > than 0.39 and negative if < than 0.39.

General Information

Pseudorabies is a viral disease in swine which is caused by porcine herpesvirus 1, which is also called pseudorabies virus (PRV) or suid herpesvirus-2(SHV-1) and is also known as Aujeszky's disease. PRV is in the group I double stranded DNA from the family Herpesviridae and genus Varicellovirus. This virus can stay hidden in nerves of the pig in a carrier state for the whole pig's life time and then be reactivated. PRV infected pigs show no clinical symptoms unless it infects pregnant pigs which will lead to SMEDI (stillbirth, mummification, embryonic death and infertility). Adult pigs are the host carrier for the virus, but it will infect cattle, sheep, cats, dogs, goats, raccoons, opossums, skunks and rodents. Symptoms for those infected animals are scratching and biting themselves followed by neurological signs and eventually death. For dogs and cats pseudorabies is so dangerous that it can cause sudden death without even having symptoms. However, PRV are harmless in human.

Alpha Diagnostic Intl's Pseudorabies Virus gE Antibody ELISA kit is a highly sensitive indirect type assay for the detection of anti PRV-gE antibody in swine serum to distinguish between naturally infected from vaccinated swine.

Related Items:

Catalog#	ProdDescription	Quantity/SIZE
920-300-H51	Chicken Anti-Avian Influenza virus (H5N1) IgG ELISA kit (1x96 wells)	1 kit
920-300-H52	Chicken Anti-Avian Influenza virus (H5N1) IgG ELISA kit (2x96 wells)	1 kit
AE-200100-2	Swine/Porcine Toxoplasmosis IgG Antibody kit	2x96 kit
AE-200120-2	Swine Foot and Mouth Disease serum antibody ELISA kit	2x96 kit
AE-200125-2	Swine Foot and Mouth Disease IgG Distinguishing kit	2x96 kit
AE-200130-2	Swine/Porcine Pseudorabies Antibody ELISA kit	2x96 kit
AE-200135-2	Swine/Porcine Pseudorabies Virus IgE Antibody Distinguishing kit	2x96 kit
AE-200140-2	Hog (Swine/Porcine) Cholera Virus Antibody ELISA kit	2x96 kit
AE-200150-2	Swine/Porcine Circovirus ELISA kit	2x96 kit
AE-200160-2	Swine/Porcine Epidemic Encephalitis B Ab ELISA kit	2x96 kit
AE-200170-2	Swine/Porcine Parvovirus Antibody ELISA kit	2x96 kit
AE-200180-2	PRRSV Antibody ELISA kit	2x96 kit
AE-200190-2	Bird Flu ELISA kit, 192 tests, Detect H5N1 Antibody (Serum)	2x96 kit

AE-200135-2-flr 101006V

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