

Porcine Anti-ganglioside antibody ELISA Kit | GMI elisa kit

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CATALOG #
AAA91155

REACTIVITY
Porcine

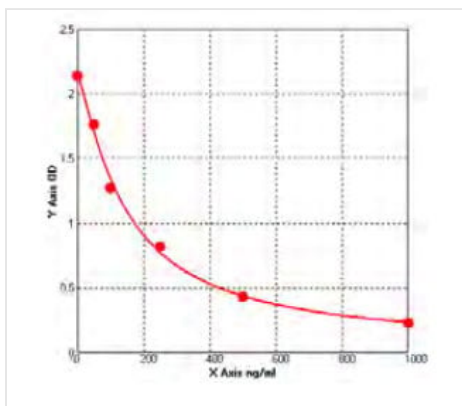
PRODUCT SYNONYMS

Anti-ganglioside antibody; Porcine Anti-ganglioside antibody ELISA Kit; GMI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of AGAb. No significant cross-reactivity or interference between AGAb and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between AGAb and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Intended Uses	This anti-GLS ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine anti-GLS. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GMI elisa kit	Principle of the Assay: AGAb ELISA kit applies the competitive enzyme immunoassay technique utilizing Ganglioside antigen and an AGAb-HRP conjugate. The assay sample and buffer are incubated together with AGAb-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the AGAb concentration since AGAb from samples and AGAb-HRP conjugate compete for the Ganglioside antigen binding site. Since the number of sites is limited, as more sites are occupied by AGAb from the sample, fewer sites are left to bind AGAb-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AGAb concentration in each sample is interpolated from this standard curve. Intended Uses: This AGAb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine AGAb. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for GMI elisa kit	Neurobiology

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/gmi-porcine-elisa-kits/anti-ganglioside-antibody/91155>