

Porcine Sialic Acid Binding Ig Like Lectin 3 ELISA Kit | SIGLEC3 elisa kit

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CATALOG #
AAA91318

REACTIVITY
Porcine

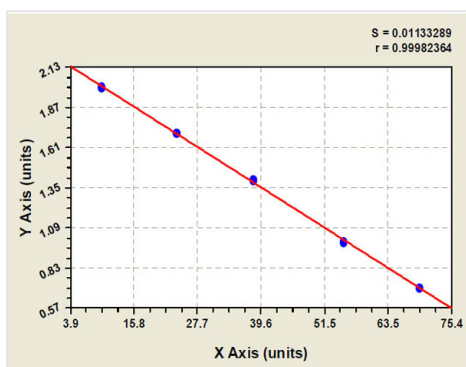
PRODUCT SYNONYMS

Sialic Acid Binding Ig Like Lectin 3; Porcine Sialic Acid Binding Ig Like Lectin 3 ELISA Kit; SIGLEC3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL
Intended Uses	This SIGLEC3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine SIGLEC3. 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 SIGLEC3 elisa kit

Principle of the Assay: SIGLEC3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SIGLEC3 antibody and an SIGLEC3-HRP conjugate. The assay sample and buffer are incubated together with SIGLEC3-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 SIGLEC3 concentration since SIGLEC3 from samples and SIGLEC3-HRP conjugate compete for the anti-SIGLEC3 antibody binding site. Since the number of sites is limited, as more sites are occupied by SIGLEC3 from the sample, fewer sites are left to bind SIGLEC3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SIGLEC3 concentration in each sample is interpolated from this standard curve

Product Categories/Family for SIGLEC3 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/siglec3-porcine-elisa-kits/sialic-acid-binding-ig-like-lectin-3/91318>