

Sheep Neuraminidase ELISA Kit | NA elisa kit

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CATALOG #
AAA88345

REACTIVITY
Sheep

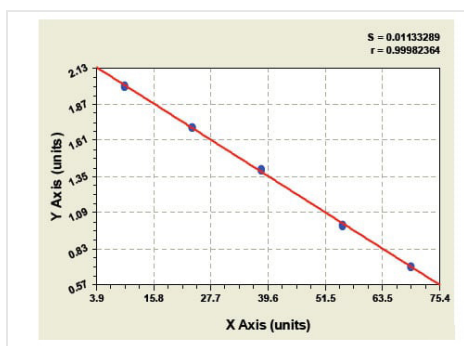
PRODUCT SYNONYMS

Neuraminidase; Sheep Neuraminidase ELISA Kit; NA elisa kit

PRODUCT SPECIFICATIONS

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	8250669
Molecular Weight	51,888 Da
NCBI Official Full Name	neuraminidase
UniProt Protein Name	Neuraminidase
UniProt Gene Name	NA
UniProt Entry Name	NRAM_I57A1

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/na-sheep-elisa-kits/neuraminidase/88345>