

Human Sialidase-3, NEU3 ELISA Kit | NEU3 elisa kit

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CATALOG #
AAA43617

REACTIVITY
Human

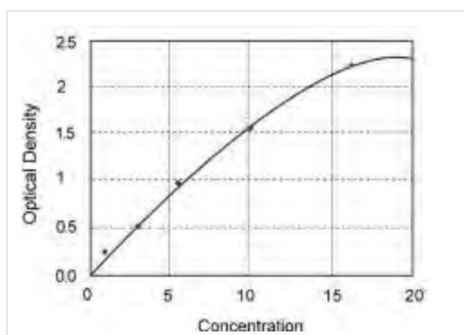
PRODUCT SYNONYMS

Sialidase-3; NEU3; Human Sialidase-3; NEU3 ELISA Kit; NEU3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	461
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-15ng/ml
Sensitivity	0.017ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NEU3 elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human NEU3 antibody. NEU3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human NEU3 Antibody is added and binds to NEU3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NEU3 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human NEU3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Sialidase-3 (also known as NEU3) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	117190519
NCBI GeneID	10825
NCBI Accession #	NP_006647.3
NCBI GenBank Nucleotide #	NM_006656.5
UniProt Accession #	Q9UQ49; Q9NQE1; A8K327
Molecular Weight	51,675 Da
NCBI Official Full Name	sialidase-3
NCBI Official Synonym Full Names	neuraminidase 3
NCBI Official Symbol	NEU3
NCBI Official Synonym Symbols	SIAL3
NCBI Protein Information	sialidase-3
UniProt Protein Name	Sialidase-3
UniProt Gene Name	NEU3

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/human-elisa-kits/sialidase-3-neu3/43617>