

Human Sialidase-4, NEU4 ELISA Kit | NEU4 elisa kit

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CATALOG #
AAA43318

REACTIVITY
Human

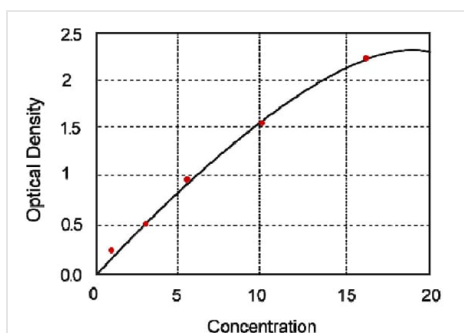
PRODUCT SYNONYMS

Sialidase-4; NEU4; Human Sialidase-4; NEU4 ELISA Kit; NEU4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	484
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	20-6000ng/L
Sensitivity	10.17ng/L
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 NEU4 elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human NEU4 antibody. NEU4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human NEU4 Antibody is added and binds to NEU4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NEU4 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 NEU4. 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-4 (also known as NEU4) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	262527269
NCBI GeneID	129807
NCBI Accession #	NP_001161074.1
NCBI GenBank Nucleotide #	NM_001167602.2
UniProt Accession #	Q8WWR8; Q96D64; A8K056; J3KNJ5
Molecular Weight	52,938 Da
NCBI Official Full Name	sialidase-4 isoform 3
NCBI Official Synonym Full Names	neuraminidase 4
NCBI Official Symbol	NEU4
NCBI Protein Information	sialidase-4
UniProt Protein Name	Sialidase-4
UniProt Gene Name	NEU4

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-4-neu4/43318>