

Human Neuronal-specific septin-3 ELISA Kit | SEPT3 elisa kit

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CATALOG #
AAA101613

REACTIVITY
Human

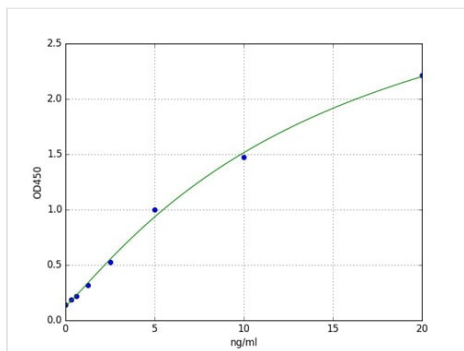
PRODUCT SYNONYMS

Neuronal-specific septin-3; Human Neuronal-specific septin-3 ELISA Kit; SEPT3/Neuronal-specific septin-3/SEP3; SEPT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	358
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human SEPT3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.020	0.137	0.239	0.447	0.791	1.342	1.940	2.560

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEPT3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human SEPT3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human SEPT3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human SEPT3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human SEPT3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

156602655

NCBI GeneID	55964
NCBI Accession #	NP_663786.2
NCBI GenBank Nucleotide #	NM_145733.2
Molecular Weight	9,061 Da
NCBI Official Full Name	neuronal-specific septin-3 isoform A
NCBI Official Synonym Full Names	septin 3
NCBI Official Symbol	SEPT3
NCBI Official Synonym Symbols	SEP3; bK250D10.3
NCBI Protein Information	neuronal-specific septin-3
UniProt Protein Name	Neuronal-specific septin-3
UniProt Gene Name	SEPT3
UniProt Synonym Gene Names	SEP3
UniProt Entry Name	SEPT3_HUMAN

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://www.aaabiotech.com/sept3-human-elisa-kits/neuronal-specific-septin-3/101613>