

Human SMPD3 (Sphingomyelin phosphodiesterase 3) ELISA Kit | SMPD3 elisa kit

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CATALOG #
AAA248197

REACTIVITY
Human

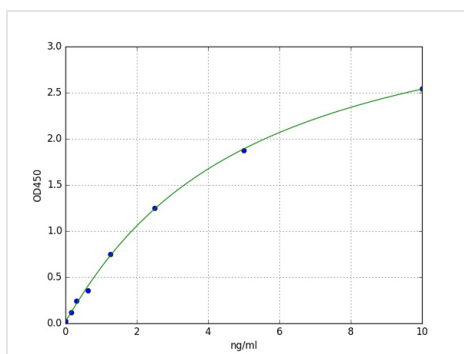
PRODUCT SYNONYMS

SMPD3 (Sphingomyelin phosphodiesterase 3); Human SMPD3 (Sphingomyelin phosphodiesterase 3) ELISA Kit; SMPD3; NSMASE2; sphingomyelin phosphodiesterase 3; nSMase-2; neutral sphingomyelinase 2; neutral sphingomyelinase II; SMPD3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	655
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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)

ADDITIONAL INFORMATION

Related Product Information for SMPD3 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-SMPD3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-SMPD3 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 SMPD3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of SMPD3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8923946
NCBI GeneID	55512
NCBI Accession #	NP_061137.1
NCBI GenBank Nucleotide #	NM_018667.3
UniProt Accession #	Q9NY59; Q2M1S8; B7ZL82
Molecular Weight	70,170 Da
NCBI Official Full Name	sphingomyelin phosphodiesterase 3
NCBI Official Synonym Full Names	sphingomyelin phosphodiesterase 3
NCBI Official Symbol	SMPD3
NCBI Official Synonym Symbols	NSMASE2
NCBI Protein Information	sphingomyelin phosphodiesterase 3
UniProt Protein Name	Sphingomyelin phosphodiesterase 3
UniProt Gene Name	SMPD3
UniProt Synonym Gene Names	nSMase-2; nSMase2

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/smpd3-sphingomyelin-phosphodiesterase-3/248197>