

Human GM2 ganglioside activator ELISA Kit | GM2A elisa kit

Human Ganglioside GM2 activator, GM2A ELISA Kit

CATALOG #
AAA112894

REACTIVITY
Human

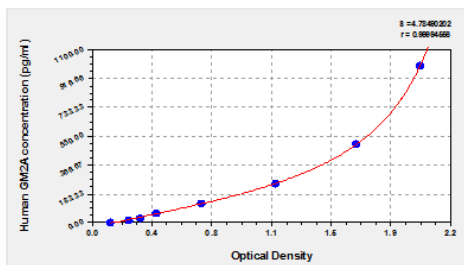
PRODUCT SYNONYMS

GM2 ganglioside activator; Human Ganglioside GM2 activator; GM2A ELISA Kit; Human Ganglioside GM2 activator (GM2A) ELISA kit; SAP-3; cerebroside sulfate activator protein; sphingolipid activator protein 3; GM2A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human GM2A. No significant cross-reactivity or interference between human GM2A and analogues was observed.
Sequence Length	193
Samples	Serum, plasma, urine, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GM2A elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GM2A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GM2A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GM2A is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GM2A bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	39995109
NCBI GeneID	2760
NCBI Accession #	NP_000396.2
NCBI GenBank Nucleotide #	NM_000405.4
UniProt Accession #	P17900; Q14426; Q14428; Q6LBL5; B2R699; D3DQH6
Molecular Weight	20,838 Da
NCBI Official Full Name	ganglioside GM2 activator isoform 1
NCBI Official Synonym Full Names	GM2 ganglioside activator
NCBI Official Symbol	GM2A
NCBI Official Synonym Symbols	SAP-3; GM2-AP
NCBI Protein Information	ganglioside GM2 activator; shingolipid activator protein 3; sphingolipid activator protein 3; cerebroside sulfate activator protein
UniProt Protein Name	Ganglioside GM2 activator
UniProt Gene Name	GM2A
UniProt Synonym Gene Names	SAP-3
UniProt Entry Name	SAP3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/gm2a-human-elisa-kits/gm2-ganglioside-activator/112894>