

Human N-acetylaspartate synthetase ELISA Kit | NAT8L elisa kit

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CATALOG #
AAA98945

REACTIVITY
Human

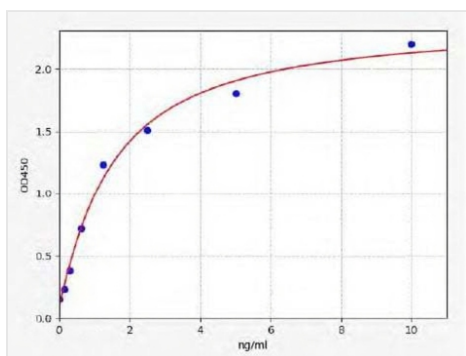
PRODUCT SYNONYMS

N-acetylaspartate synthetase; Human N-acetylaspartate synthetase ELISA Kit; NAT8L/N-acetylaspartate synthetase (NAA synthetase)/Camello-like protein 3/N-acetyltransferase 8-like protein; NAT8L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NAT8L. No significant cross-reactivity or interference between NAT8L and analogues was observed.
Sequence Length	299
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
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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 NAT8L elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300794296
NCBI GeneID	289727
NCBI Accession #	NP_001178610.1
NCBI GenBank Nucleotide #	NM_001191681.1
Molecular Weight	32,719 Da
NCBI Official Full Name	N-acetylaspartate synthetase
NCBI Official Synonym Full Names	N-acetyltransferase 8-like
NCBI Official Symbol	Nat8l
NCBI Official Synonym Symbols	RGD1305719
NCBI Protein Information	N-acetylaspartate synthetase
UniProt Protein Name	N-acetylaspartate synthetase
UniProt Gene Name	Nat8l
UniProt Synonym Gene Names	NAA synthetase
UniProt Entry Name	NAT8L_RAT

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/nat8l-human-elisa-kits/n-acetylaspartate-synthetase/98945>