

Rat Neurogenin-1 ELISA Kit | NEUROG1 elisa kit

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CATALOG #
AAA122920

REACTIVITY
Rat

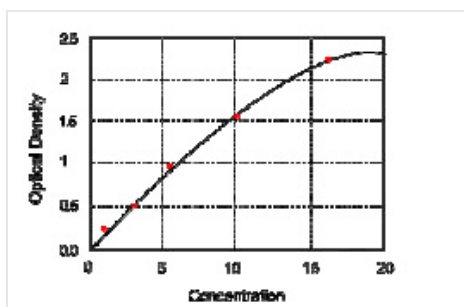
PRODUCT SYNONYMS

Neurogenin-1; Rat Neurogenin-1 ELISA Kit; NEUROG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	237
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	8ng/L-1500ng/L
Sensitivity	5.15ng/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 NEUROG1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Netrin-1 (also known as Ntn1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat Ntn1 antibody. Ntn1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat Ntn1 Antibody is added and binds to Ntn1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Ntn1 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 Rat Ntn1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38455396
NCBI GeneID	4762
NCBI Accession #	NP_006152.2
NCBI GenBank Nucleotide #	NM_006161.3
UniProt Accession #	Q92886
NCBI Official Full Name	neurogenin-1
NCBI Official Synonym Full Names	neurogenin 1
NCBI Official Symbol	NEUROG1
NCBI Official Synonym Symbols	AKA; ngn1; Math4C; bHLHa6; NEUROD3
NCBI Protein Information	neurogenin-1
UniProt Protein Name	Neurogenin-1
UniProt Gene Name	NEUROG1
UniProt Synonym Gene Names	BHLHA6; NEUROD3; NGN; NGN1; NGN-1; bHLHa6; NeuroD3
UniProt Entry Name	NGN1_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://stage.aaabiotech.com/rat-elisa-kits/neurogenin-1/122920>