

Mouse 5-Nucleotidase, 5-NT ELISA Kit | 5-NT elisa kit

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CATALOG #
AAA79918

REACTIVITY
Mouse

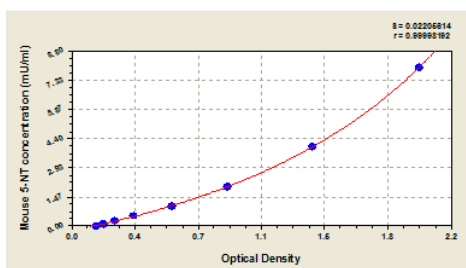
PRODUCT SYNONYMS

5-Nucleotidase; 5-NT; Mouse 5-Nucleotidase; 5-NT ELISA Kit; 5-NT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse 5-NT. No significant cross-reactivity or interference between mouse 5-NT and analogues was observed.
Sequence Length	524
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	0.125 mU/ml -8 mU/ml.
Sensitivity	0.031 mU/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 5-NT elisa kit

Principle of the Assay||This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for 5-NT has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any 5-NT present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for 5-NT 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 5-NT bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	325651886
NCBI GeneID	4907
NCBI Accession #	NP_001191742.1
NCBI GenBank Nucleotide #	NM_001204813.1
UniProt Accession #	P21589; O75520; Q5W116; B3KQI8
Molecular Weight	57,949 Da
NCBI Official Full Name	5'-nucleotidase isoform 2 preproprotein
NCBI Official Synonym Full Names	5'-nucleotidase, ecto (CD73)
NCBI Official Symbol	NT5E
NCBI Official Synonym Symbols	NT; eN; NT5; NTE; eNT; CD73; E5NT; CALJA
NCBI Protein Information	5'-nucleotidase; 5'-NT; ecto-5'-nucleotidase; Purine 5-Prime-Nucleotidase
UniProt Protein Name	5'-nucleotidase
UniProt Gene Name	NT5E
UniProt Synonym Gene Names	NT5; NTE; 5'-NT
UniProt Entry Name	5NTD_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/mouse-elisa-kits/5-nucleotidase-5-nt/79918>