

Human 5-Nucleotidase ELISA Kit | 5-NT elisa kit

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CATALOG #
AAA17307

REACTIVITY
Human

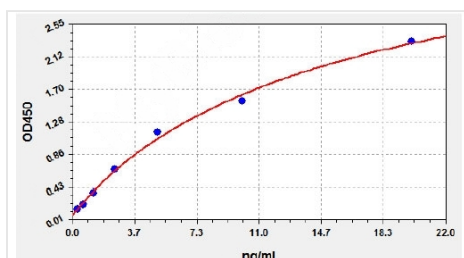
PRODUCT SYNONYMS

5-Nucleotidase; Human 5-Nucleotidase ELISA Kit; 5-NT/NT5E/5'-NT/CD73/E5NT/eNT/NTE/eN/NT/NT5/5' nucleotidase (CD73)/CD73 antigen/Ecto-5'-nucleotidase/5'-nucleotidase/Purine 5-Prime-Nucleotidase; 5-NT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of 5-NT. No significant cross-reactivity or interference between 5-NT and analogues was observed.
Sequence Length	576
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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 5-NT 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148747417
NCBI GeneID	58813
NCBI Accession #	NP_067587.2
NCBI GenBank Nucleotide #	NM_021576.2
Molecular Weight	63,969 Da
NCBI Official Full Name	5'-nucleotidase
NCBI Official Synonym Full Names	5' nucleotidase, ecto
NCBI Official Symbol	Nt5e
NCBI Official Synonym Symbols	Nt5; CD73
NCBI Protein Information	5'-nucleotidase
UniProt Protein Name	5'-nucleotidase
UniProt Gene Name	Nt5e
UniProt Synonym Gene Names	Nt5; Nte; 5'-NT
UniProt Entry Name	5NTD_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/5-nt-human-elisa-kits/5-nucleotidase/17307>