

Human 5-NT (5-Nucleotidase) CLIA Kit | 5-NT clia kit

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CATALOG #
AAA171130

REACTIVITY
Human

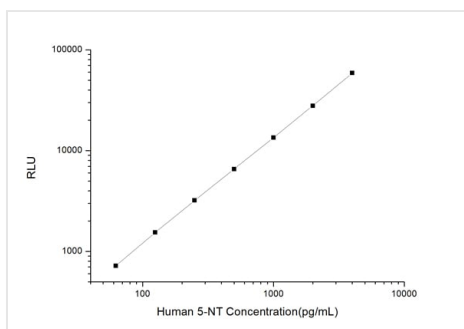
PRODUCT SYNONYMS

5-NT (5-Nucleotidase); Human 5-NT (5-Nucleotidase) CLIA Kit; NT5E; CD73; E5NT; NT; NT5; NTE; eN; eNT; ecto-5'-nucleotidase; 5-NT clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant 5-NT. No significant cross-reactivity or interference between 5-NT and analogues was observed.
Sequence Length	576
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 5-NT clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of 5-NT concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to 5-NT. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for 5-NT and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain 5-NT, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of 5-NT. You can calculate the concentration of 5-NT in the samples by comparing the RLU value of the samples to the standard curve.

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/human-clia-kits/5-nt-5-nucleotidase/171130>