

Human purine nucleoside phosphorylase (PNP) ELISA Kit | PNP elisa kit

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CATALOG #
AAA43788

REACTIVITY
Human

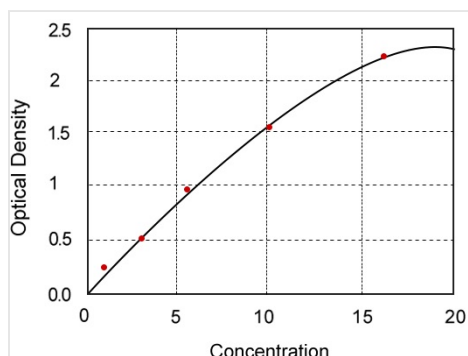
PRODUCT SYNONYMS

purine nucleoside phosphorylase (PNP); Human purine nucleoside phosphorylase (PNP) ELISA Kit; PNP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	289
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 150ng/ml
Sensitivity	0.27ng/ml
Intra-Assay	CV<8%
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 PNP elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Purine Nucleoside Phosphorylase (also known as PNP) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	157168362
NCBI GeneID	4860
NCBI Accession #	NP_000261.2
NCBI GenBank Nucleotide #	NM_000270.3
UniProt Accession #	P00491; Q15160; Q5PZ03; B2R8S5; D3DS00
Molecular Weight	32,118 Da
NCBI Official Full Name	purine nucleoside phosphorylase
NCBI Official Synonym Full Names	purine nucleoside phosphorylase
NCBI Official Symbol	PNP
NCBI Official Synonym Symbols	NP; PUNP; PRO1837
NCBI Protein Information	purine nucleoside phosphorylase
UniProt Protein Name	Purine nucleoside phosphorylase
UniProt Gene Name	PNP
UniProt Synonym Gene Names	NP; PNP

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-elisa-kits/purine-nucleoside-phosphorylase-pnp/43788>