

Human ETNPPL (Ethanolamine-phosphate phospho-lyase) ELISA Kit | ETNPPL elisa kit

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CATALOG #
AAA250243

REACTIVITY
Human

PRODUCT SYNONYMS

ETNPPL (Ethanolamine-phosphate phospho-lyase); Human ETNPPL (Ethanolamine-phosphate phospho-lyase) ELISA Kit; Ethanolamine-phosphate phospho-lyase; Alanine--glyoxylate aminotransferase 2-like 1; AGXT2L1; ETNPPL; ETNPPL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ETNPPL. No significant cross-reactivity or interference between ETNPPL and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/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

ADDITIONAL INFORMATION

Related Product Information for ETNPPL 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226442705
NCBI GeneID	64850
NCBI Accession #	NP_001140062
NCBI GenBank Nucleotide #	NM_001146590
UniProt Accession #	Q8TBG4; Q9H174; B7Z1Y0; E9PBY0
Molecular Weight	48,942 Da
NCBI Official Full Name	ethanolamine-phosphate phospho-lyase isoform 2

NCBI Official Synonym Full Names	ethanolamine-phosphate phospho-lyase
NCBI Official Symbol	ETNPPL
NCBI Official Synonym Symbols	AGXT2L1
NCBI Protein Information	ethanolamine-phosphate phospho-lyase; alanine--glyoxylate aminotransferase 2-like 1; alanine-glyoxylate aminotransferase 2-like 1
UniProt Protein Name	Ethanolamine-phosphate phospho-lyase
UniProt Gene Name	ETNPPL
UniProt Synonym Gene Names	AGXT2L1
UniProt Entry Name	AT2L1_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/human-elisa-kits/etnppl-ethanolamine-phosphate-phospho-lyase/250243>