

Human 5-Oxoprolinase, OPLAH ELISA Kit | OPLAH elisa kit

Human 5-Oxoprolinase, OPLAH ELISA Kit

CATALOG #
AAA123167

REACTIVITY
Human

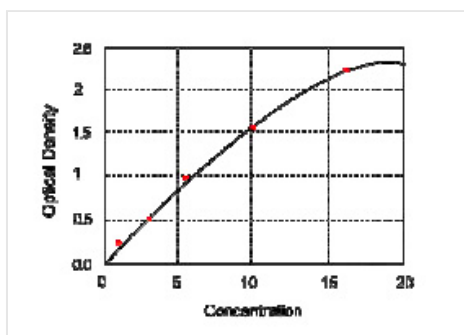
PRODUCT SYNONYMS

5-Oxoprolinase; OPLAH; Human 5-Oxoprolinase; OPLAH ELISA Kit; OPLAH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1288
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml-150ng/ml
Sensitivity	0.34ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 OPLAH elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human 5-Nucleotidase (also known as 5-NT) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human 5-NT antibody. 5-NT present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human 5-NT Antibody is added and binds to 5-NT in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated 5-NT 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 5-NT. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48314820
NCBI GeneID	26873
NCBI GenBank Nucleotide #	NP_060040.1
UniProt Accession #	O14841
NCBI Official Full Name	5-oxoprolinase
NCBI Official Synonym Full Names	5-oxoprolinase, ATP-hydrolysing
NCBI Official Symbol	OPLAH
NCBI Official Synonym Symbols	OPLA; OPLAHD; 5-Opase
NCBI Protein Information	5-oxoprolinase
UniProt Protein Name	5-oxoprolinase
UniProt Gene Name	OPLAH
UniProt Synonym Gene Names	5-OPase
UniProt Entry Name	OPLA_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/5-oxoprolinase-oplah/123167>