

Human Pigment epithelium-derived factor precursor, Pre-PEDF ELISA Kit | Pre-PEDF elisa kit

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CATALOG #
AAA41523

REACTIVITY
Human

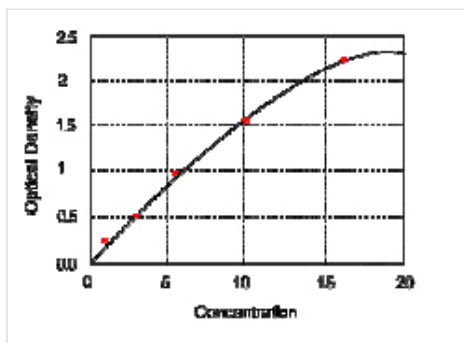
PRODUCT SYNONYMS

Pigment epithelium-derived factor precursor; Pre-PEDF; Human Pigment epithelium-derived factor precursor; Pre-PEDF ELISA Kit; Pre-PEDF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	418
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml-15ng/ml
Sensitivity	0.014ng/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 Pre-PEDF elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Phosphorylated Type of PI3K (also known as P-PI3K) 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 P-PI3K antibody. P-PI3K present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human P-PI3K Antibody is added and binds to P-PI3K in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated P-PI3K 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 P-PI3K. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1049480189
NCBI GeneID	5176
NCBI Accession #	NP_001316832.1
NCBI GenBank Nucleotide #	NM_001329903.1
UniProt Accession #	P36955; Q13236; Q2TU83; Q96CT1; Q96R01; Q9BWA4; F1T092
Molecular Weight	46,312 Da
NCBI Official Full Name	pigment epithelium-derived factor isoform 1
NCBI Official Synonym Full Names	serpin family F member 1
NCBI Official Symbol	SERPINF1
NCBI Official Synonym Symbols	OI6; OI12; PEDF; EPC-1; PIG35
NCBI Protein Information	pigment epithelium-derived factor
UniProt Protein Name	Pigment epithelium-derived factor
UniProt Gene Name	SERPINF1
UniProt Synonym Gene Names	PEDF; PEDF

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/pigment-epithelium-derived-factor-precursor-pre-pedf/41523>