

Human Pleckstrin ELISA Kit | PLEK elisa kit

Human Pleckstrin (PLEK) ELISA Kit

CATALOG # AAA55480	REACTIVITY Human
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PRODUCT SYNONYMS

Pleckstrin; Human Pleckstrin (PLEK) ELISA Kit; PLEK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PDGFD. No significant cross-reactivity or interference between Human PDGFD and analogues was observed.
Sequence Length	350
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.31 ng/mL-20 ng/mL
Sensitivity	0.156 ng/mL (mean of 6 independent assays).
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PLEK elisa kit	Intended Uses: For the quantitative detection of Human Platelet-derived growth factor D (PDGFD) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PDGFD in Human serum, plasma. An antibody specific for PDGFD has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PDGFD present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PDGFD is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PDGFD bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	156616273
NCBI GeneID	5341
NCBI Accession #	NP_002655.2
NCBI GenBank Nucleotide #	NM_002664.2
UniProt Accession #	P08567; Q53SU8; Q6FGM8; Q6FGQ1; Q8WV81; B2R9E8

Molecular Weight	40,125 Da
NCBI Official Full Name	pleckstrin
NCBI Official Synonym Full Names	pleckstrin
NCBI Official Symbol	PLEK
NCBI Official Synonym Symbols	P47
NCBI Protein Information	pleckstrin
UniProt Protein Name	Pleckstrin
UniProt Gene Name	PLEK
UniProt Synonym Gene Names	P47; p47

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://www.aaabiotech.com/plek-human-elisa-kits/pleckstrin/55480>