

Human Placenta-specific protein 1 ELISA Kit | PLAC1 elisa kit

Human Placenta-specific protein 1 (PLAC1) ELISA Kit

CATALOG # AAA55410	REACTIVITY Human
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PRODUCT SYNONYMS

Placenta-specific protein 1; Human Placenta-specific protein 1 (PLAC1) ELISA Kit; PLAC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PIWIL3. No significant cross-reactivity or interference between Human PIWIL3 and analogues was observed.
Sequence Length	212
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/mL-10 ng/mL
Sensitivity	0.078 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 PLAC1 elisa kit	Intended Uses: For the quantitative detection of Human Piwi-like protein 3 (PIWIL3) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PIWIL3 in Human serum, plasma. An antibody specific for PIWIL3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PIWIL3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PIWIL3 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 PIWIL3 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 #	943492696
NCBI GeneID	10761
NCBI Accession #	NP_001303816.1
NCBI GenBank Nucleotide #	NM_001316887.1
UniProt Accession #	Q9HBJ0

Molecular Weight	23,616 Da
NCBI Official Full Name	placenta-specific protein 1
NCBI Official Synonym Full Names	placenta specific 1
NCBI Official Symbol	PLAC1
NCBI Official Synonym Symbols	CT92; OOSP2L
NCBI Protein Information	placenta-specific protein 1
UniProt Protein Name	Placenta-specific protein 1
UniProt Gene Name	PLAC1

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/plac1-human-elisa-kits/placenta-specific-protein-1/55410>