

Human Placenta Specific Protein 9 (PLAC9) ELISA Kit | PLAC9 elisa kit

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CATALOG #
AAA67353

REACTIVITY
Human

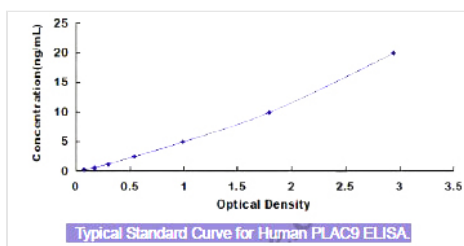
PRODUCT SYNONYMS

Placenta Specific Protein 9 (PLAC9); Human Placenta Specific Protein 9 (PLAC9) ELISA Kit; PLAC9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PLAC9. No significant cross-reactivity or interference between PLAC9 and analogues was observed.
Sequence Length	97
Samples	Tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.118ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PLAC9 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PLAC9 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLAC9 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PLAC9 in human tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PLAC9. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PLAC9. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PLAC9, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of PLAC9 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	61175222
NCBI GeneID	219348
NCBI Accession #	NP_001012991.1
NCBI GenBank Nucleotide #	NM_001012973.1
UniProt Accession #	Q5JTB6
Molecular Weight	10,309 Da
NCBI Official Full Name	placenta-specific protein 9 isoform 1
NCBI Official Synonym Full Names	placenta specific 9
NCBI Official Symbol	PLAC9
NCBI Protein Information	placenta-specific protein 9
UniProt Protein Name	Placenta-specific protein 9
UniProt Gene Name	PLAC9

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/placenta-specific-protein-9-plac9/67353>