

Human Retrotransposon-derived protein PEG10 ELISA Kit | PEG10 elisa kit

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CATALOG #
AAA310199

REACTIVITY
Human

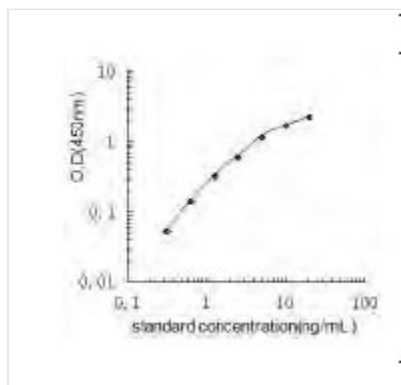
PRODUCT SYNONYMS

Retrotransposon-derived protein PEG10; Human Retrotransposon-derived protein PEG10 ELISA Kit; Embryonal carcinoma differentiation-regulated protein; Mammalian retrotransposon-derived protein 2; Myelin expression factor 3-like protein 1; PEG10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural General target antigen. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.19 ng/mL
Intra-assay Precision	<=5.9%
Inter-assay Precision	<=9.2%
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PEG10 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antibody biotin- conjugated antigen and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of general target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	94421473
NCBI GeneID	23089
NCBI Accession #	NP_001035242.1
NCBI GenBank Nucleotide #	NM_001040152.1
UniProt Accession #	Q86TG7; Q96A68; Q9UPV1
Molecular Weight	36,966 Da
NCBI Official Full Name	retrotransposon-derived protein PEG10 isoform 2
NCBI Official Synonym Full Names	paternally expressed 10
NCBI Official Symbol	PEG10
NCBI Official Synonym Symbols	EDR; HB-1; Mar2; RTL2; MEF3L; Mart2; RGAG3; SIRH1
NCBI Protein Information	retrotransposon-derived protein PEG10
UniProt Protein Name	Retrotransposon-derived protein PEG10
UniProt Gene Name	PEG10
UniProt Synonym Gene Names	EDR; KIAA1051; MAR2; MART2; MEF3L1; RGAG3; MEF3-like protein 1

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/retrotransposon-derived-protein-peg10/310199>