

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

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CATALOG #
AAA97726

REACTIVITY
Human

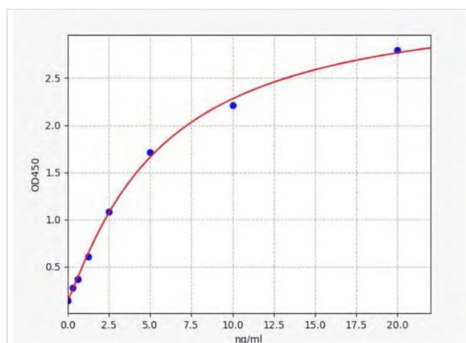
PRODUCT SYNONYMS

Retrotransposon-derived protein PEG10; Human Retrotransposon-derived protein PEG10 ELISA Kit; PEG10/EDR/KIAA1051/MAR2/MART2/MEF3L1/RGAG3/MEF3-like protein 1/Retrotransposon-derived gag-like polyprotein/Retrotransposon gag domain-containing protein 3/Paternally expressed gene 10 protein/Myelin expression factor 3-like protein 1/Ty3/Gypsy-like protein/Embryonal carcinoma differentiation-regulated protein/Mammalian retrotransposon-derived protein 2; PEG10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PEG10. No significant cross-reactivity or interference between PEG10 and analogues was observed.
Sequence Length	784
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PEG10 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	289176996
NCBI GeneID	23089
NCBI Accession #	NP_001165908.1
NCBI GenBank Nucleotide #	NM_001172437.2
Molecular Weight	36,966 Da
NCBI Official Full Name	retrotransposon-derived protein PEG10 isoform 3
NCBI Official Synonym Full Names	paternally expressed 10
NCBI Official Symbol	PEG10
NCBI Official Synonym Symbols	EDR; HB-1; Mar2; MEF3L; Mart2; RGAG3
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
UniProt Entry Name	PEG10_HUMAN

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/human-elisa-kits/retrotransposon-derived-protein-peg10/97726>