

Human PKHD domain-containing transmembrane protein C17orf101 ELISA Kit | C17orf101 elisa kit

Human PKHD domain-containing transmembrane protein C17orf101 (C17orf101) ELISA Kit

CATALOG # AAA55487	REACTIVITY Human
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PRODUCT SYNONYMS

PKHD domain-containing transmembrane protein C17orf101; Human PKHD domain-containing transmembrane protein C17orf101 (C17orf101) ELISA Kit; C17orf101 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human C17orf101. No significant cross-reactivity or interference between Human C17orf101 and analogues was observed.
Sequence Length	321
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156 ng/mL - 10 ng/mL
Sensitivity	0.1 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 C17orf101 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate C17orf101 in Human serum, plasma, tissue homogenates. An antibody specific for C17orf101 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any C17orf101 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for C17orf101 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 C17orf101 bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Human PKHD domain-containing transmembrane protein C17orf101 (C17orf101) concentration in serum, plasma, tissue homogenates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13375891
NCBI GeneID	79701
NCBI Accession #	NP_078924.1

NCBI GenBank Nucleotide #	NM_024648.2
UniProt Accession #	Q6PK18 ; Q8IZ37 ; Q9H6J2 ; C9JDC8
Molecular Weight	36,635 Da
NCBI Official Full Name	2-oxoglutarate and iron-dependent oxygenase domain-containing protein 3 isoform 1
NCBI Official Synonym Full Names	2-oxoglutarate and iron dependent oxygenase domain containing 3
NCBI Official Symbol	OGFOD3
NCBI Official Synonym Symbols	C17orf101
NCBI Protein Information	2-oxoglutarate and iron-dependent oxygenase domain-containing protein 3
UniProt Protein Name	2-oxoglutarate and iron-dependent oxygenase domain-containing protein 3
UniProt Gene Name	OGFOD3
UniProt Synonym Gene Names	C17orf101

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/pkhd-domain-containing-transmembrane-protein-c17orf101/55487>