

Human LETM1 Domain Containing Protein 1 (LETMD1) ELISA Kit | LETMD1 elisa kit

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CATALOG #
AAA140760

REACTIVITY
Human

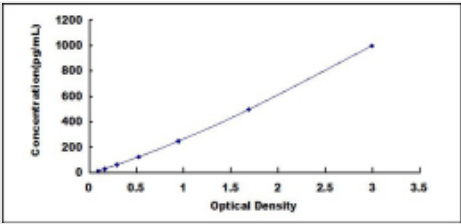
PRODUCT SYNONYMS

LETM1 Domain Containing Protein 1 (LETMD1); Human LETM1 Domain Containing Protein 1 (LETMD1) ELISA Kit; HCCR1; HCRR-2; Cervical Cancer 1 Protooncogene; Cervical cancer proto-oncogene 2 protein; LETMD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LETM1 Domain Containing Protein 1 (LETMD1). No significant cross-reactivity or interference between LETM1 Domain Containing Protein 1 (LETMD1) and analogues was observed.
Sequence Length	739
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates and other biological fluids
Detection Range	15.62-1000pg/mL
Sensitivity	6.5pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level LETM1 Domain Containing Protein 1 (LETMD1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level LETM1 Domain Containing Protein 1 (LETMD1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LETMD1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to LETM1 Domain Containing Protein 1 (LETMD1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to LETM1 Domain Containing Protein 1 (LETMD1). 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 LETM1 Domain Containing Protein 1 (LETMD1), 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 LETM1 Domain Containing Protein 1 (LETMD1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for LETMD1 elisa kit	Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912482
NCBI GeneID	3954
NCBI Accession #	NP_036450.1
NCBI GenBank Nucleotide #	NM_012318.2
Molecular Weight	33,245 Da
NCBI Official Full Name	LETM1 and EF-hand domain-containing protein 1, mitochondrial
NCBI Official Synonym Full Names	leucine zipper-EF-hand containing transmembrane protein 1
NCBI Official Symbol	LETM1
NCBI Protein Information	LETM1 and EF-hand domain-containing protein 1, mitochondrial
UniProt Protein Name	LETM1 and EF-hand domain-containing protein 1, mitochondrial
UniProt Gene Name	LETM1
UniProt Entry Name	LETM1_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://stage.aaabiotech.com/human-elisa-kits/letm1-domain-containing-protein-1-letmd1/140760>