

Human LEAP2 (Liver-expressed antimicrobial peptide 2) ELISA Kit | LEAP2 elisa kit

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CATALOG #
AAA250979

REACTIVITY
Human

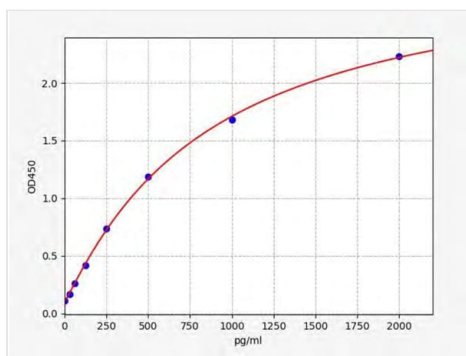
PRODUCT SYNONYMS

LEAP2 (Liver-expressed antimicrobial peptide 2); Human LEAP2 (Liver-expressed antimicrobial peptide 2) ELISA Kit; LEAP2; Liver-expressed antimicrobial peptide 2; LEAP-2; LEAP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize LEAP2, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
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 LEAP2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti LEAP2 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti LEAP2 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with LEAP2 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of LEAP2 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16418465
NCBI GeneID	116842
NCBI Accession #	NP_443203.1
NCBI GenBank Nucleotide #	NM_052971.2
UniProt Accession #	Q969E1; D3DQ91
Molecular Weight	8,814 Da
NCBI Official Full Name	liver-expressed antimicrobial peptide 2
NCBI Official Synonym Full Names	liver expressed antimicrobial peptide 2
NCBI Official Symbol	LEAP2
NCBI Official Synonym Symbols	LEAP-2
NCBI Protein Information	liver-expressed antimicrobial peptide 2
UniProt Protein Name	Liver-expressed antimicrobial peptide 2
UniProt Gene Name	LEAP2
UniProt Entry Name	LEAP2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/leap2-liver-expressed-antimicrobial-peptide-2/250979>