

Human liver expressed antimicrobial peptide 2 ELISA Kit | LEAP2 elisa kit

Human Liver-expressed antimicrobial peptide 2, LEAP2 ELISA Kit

CATALOG #
AAA18152

REACTIVITY
Human

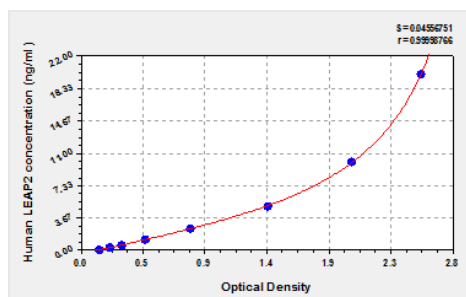
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human LEAP2. No significant cross-reactivity or interference between human LEAP2 and analogues was observed.
Sequence Length	77
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LEAP2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for LEAP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LEAP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LEAP2 is added to the wells. After washing, avidin 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 LEAP2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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 Synonym Gene Names	LEAP-2
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.

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Online datasheet: <https://www.aaabiotech.com/leap2-human-elisa-kits/liver-expressed-antimicrobial-peptide-2/18152>