

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

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CATALOG #
AAA27368

REACTIVITY
Human

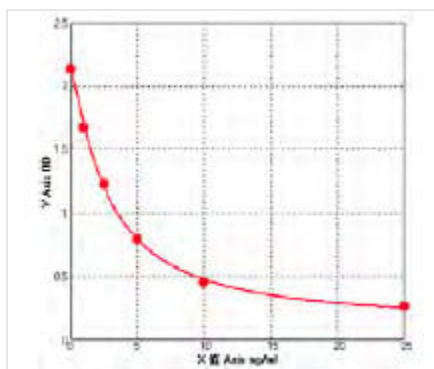
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 mg/dL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LEAP2 elisa kit

Intended Uses: This LDLC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse LDLC. This ELISA kit for research use only!

Principle of the Assay: LDLC ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-LDLc antibody and an LDLc-HRP conjugate. The assay sample and buffer are incubated together with LDLc-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the LDLc concentration since LDLc from samples and LDLc-HRP conjugate compete for the anti-LDLc antibody binding site. Since the number of sites is limited, as more sites are occupied by LDLc from the sample, fewer sites are left to bind LDLc-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LDLc concentration in each sample is interpolated from this standard curve.

Product Categories/Family for LEAP2 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	16418465
NCBI GeneID	116842
NCBI Accession #	NP_443203.1
NCBI GenBank Nucleotide #	NM_052971.2
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/human-elisa-kits/liver-expressed-antimicrobial-peptide-2-leap2/27368>