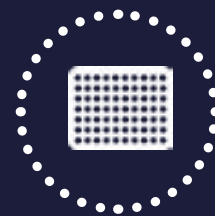


LEAP-2 ELISA kit



The perfect kit for your metabolic disease research

- High sensitivity
- Ready-to-use assay kit
- Best-in-class assay

LEAP-2 ELISA kit

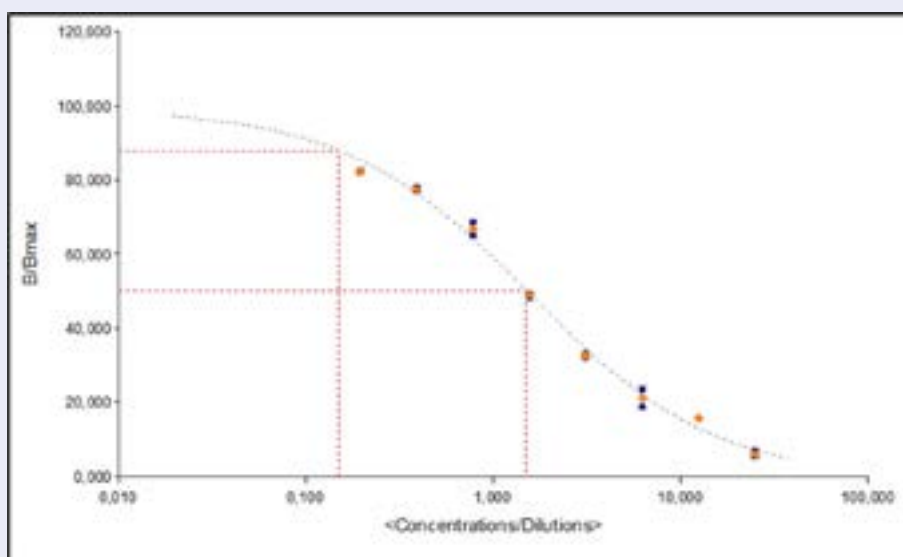
- Part of the Liver-expressed antimicrobial peptides family (LEAP).
- 40 amino acid peptide is from a 77 amino acid precursor which is cleaved by furin-like endoprotease.
- Rich in cysteine amino acid and contains two disulfide bonds formed by cysteine residues in relative 1-3 and 2-4 positions.
- Highly conserved among mammals and is expressed by the hepatocytes of the liver, by the small intestine, and by the central nervous system.
- Initially identified as an antimicrobial peptide serving as a part of innate immune system bacterial infection.
- Associated with inflammatory process link to patients with rheumatoid arthritis, an autoimmune disease.
- The latest studies indicated that LEAP-2 has an anorexigenic drive and is an antagonist of ghrelin.
- The plasmatic level of LEAP-2 is enhanced in obese patients.

Assay characteristics

The enzymatic immunoassay (ELISA) is based on the competition between unlabelled LEAP-2 and Biotin labelled LEAP-2 for limited specific rabbit anti-LEAP-antiserum sites.

IC50 : $\leq 0,2$ ng/mL

Assay validation data:
tech@bertin-bioreagent.com
or ask your local distributor.



Overview

- +100 assays available in various therapeutic areas
- Specific expertise in:
 - **Fit-to-purpose** development assay
 - Analytical platforms: Immunoassays methods, Hyphenated methods
 - Biomarker Assay **Translation from discovery to clinical studies**
 - Capabilities to provide **ready-to-use & customized assay kit** for in-house or central labs implementation
- Over 20 years of experience
- Industrialisation of assays for Pharmaceutical, Cosmectic & nutraceutic R&D

AChE® offers several advantages compared to enzymes conventionally used in ELISAs:

- Kinetic superiority and high sensitivity
- Low background
- Wide dynamic range
- Versatility

Discover our full range of diabete and obesity kits:

