

Pig LEP (Leptin) ELISA Kit | LEP elisa kit

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CATALOG #
AAA278502

REACTIVITY
Pig

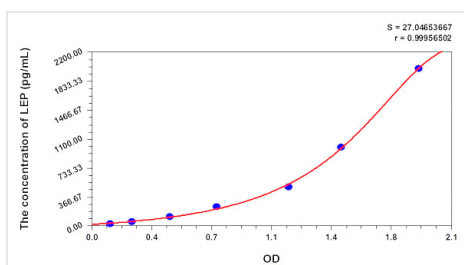
PRODUCT SYNONYMS

LEP (Leptin); Pig LEP (Leptin) ELISA Kit; OB; OBS; Obesity Homolog; Obesity Factor; Obese Protein; LEP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.063ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LEP elisa kit

Test Principle: 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 Pig LEP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig LEP. 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 Pig LEP, 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 Pig LEP in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for LEP elisa kit

Metabolic pathway; Endocrinology; Cardiovascular biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	55741433
NCBI GeneID	396832
NCBI Accession #	NP_999005.1

NCBI GenBank Nucleotide #	NM_213840.1
UniProt Accession #	Q29406 ; O19095 ; Q95251
Molecular Weight	18,661 Da
NCBI Official Full Name	leptin
NCBI Official Symbol	LEP
NCBI Official Synonym Symbols	OB; OBS
NCBI Protein Information	leptin; obese; obesity factor
UniProt Protein Name	Leptin
UniProt Gene Name	LEP
UniProt Synonym Gene Names	OB; OBS
UniProt Entry Name	LEP_PIG

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/pig-elisa-kits/lep-leptin/278502>