

Mouse LEPR (Leptin Receptor) ELISA Kit | LEPR elisa kit

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CATALOG #
AAA278232

REACTIVITY
Mouse

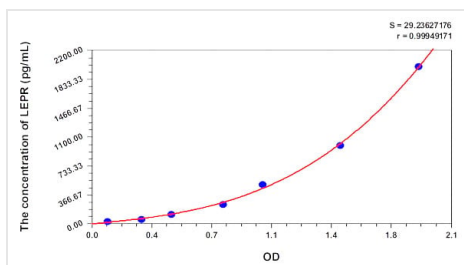
PRODUCT SYNONYMS

LEPR (Leptin Receptor); Mouse LEPR (Leptin Receptor) ELISA Kit; CD295; LEPR; OBR; LR; LEPR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Detection Range	1.57-100ng/mL
Sensitivity	0.61ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LEPR 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 Mouse LEPR. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse LEPR. 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 Mouse LEPR, 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 Mouse LEPR in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for LEPR elisa kit

Signal transduction; CD & Adhesion molecule; Metabolic pathway; Endocrinology

NCBI AND UNIPROT INFORMATION

NCBI GI #	1352612
NCBI GeneID	16847
UniProt Accession #	P48356; O35686; O54986; Q61215; Q64309; Q9QWG3; Q9QWV5

Molecular Weight	90,887 Da
NCBI Official Full Name	Leptin receptor
NCBI Official Synonym Full Names	leptin receptor
NCBI Official Symbol	Lepr
NCBI Official Synonym Symbols	db; Obr; obl; Leprb; Modb1; LEPROT; OB-RGRP; diabetes; obese-like
NCBI Protein Information	leptin receptor; B219; LEP-R; OB receptor; leptin receptor gene-related protein
UniProt Protein Name	Leptin receptor
UniProt Gene Name	Lepr
UniProt Synonym Gene Names	Db; Obr; LEP-R; OB-R
UniProt Entry Name	LEPR_MOUSE

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://stage.aaabiotech.com/mouse-elisa-kits/lepr-leptin-receptor/278232>