

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

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CATALOG #
AAA278231

REACTIVITY
Human

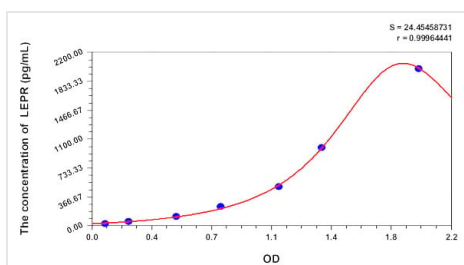
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	1.57-100ng/mL
Sensitivity	0.64ng/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 Human LEPR. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 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 Human 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 #	51093379
NCBI GeneID	3953
NCBI Accession #	NP_001003679.1

NCBI GenBank Nucleotide #	NM_001003679.3
UniProt Accession #	P48357; Q13592; Q13593; Q13594; Q92919; Q92920; Q92921
Molecular Weight	132,494 Da
NCBI Official Full Name	leptin receptor isoform 3
NCBI Official Synonym Full Names	leptin receptor
NCBI Official Symbol	LEPR
NCBI Official Synonym Symbols	OBR; OB-R; CD295; LEP-R; LEPRD
NCBI Protein Information	leptin receptor; huB219; OB receptor
UniProt Protein Name	Leptin receptor
UniProt Gene Name	LEPR
UniProt Synonym Gene Names	DB; OBR; LEP-R; OB-R
UniProt Entry Name	LEPR_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://stage.aaabiotech.com/human-elisa-kits/lepr-leptin-receptor/278231>