

## Rat Leptin Soluble Receptor (sLR) ELISA Kit

Catalog No: #EK10113



Package Size: #EK10113-1 48T #EK10113-2 96T

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	Rat Leptin Soluble Receptor (sLR) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Rat ( <i>Rattus norvegicus</i> )
Other Names	CD295; OBR; OB receptor OTTHUMP00000010694
Accession No.	Q62959
Uniprot	Q62959
GeneID	24536;
Storage	<p>The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.</p> <p>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).</p>

## Application Details

Detect Range:3.9-250 pg/mL

Sensitivity:1 pg/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

## Product Description

**Detection Method:**SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate LEPR in samples. An antibody specific for LEPR has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyLEPR present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LEPR is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of LEPR bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**A segmental duplication of the p arm of chromosome 16 created two identical copies of the GIY-YIG domain containing gene, this record represents the more centromeric copy. Exons of this gene overlap with exons of the phenol-preferring sulfotransferase (SULT1A3) gene. Two transcript variants that encode different protein isoforms have been identified through sequence analysis.

Note: This product is for in vitro research use only