

Human Leptin Receptor ELISA Kit (2 plates)

Catalogue No.: BEK-2058-2P

Description: The human Leptin Receptor Kit is a sandwich ELISA. The capture antibody is a monoclonal human Leptin Receptor antibody pre-coated onto the 96-well strip plates provided in the kit. Human test samples and standards of known Leptin Receptor concentration are added to these wells and allowed to complex with the bound Leptin Receptor antibody. A biotinylated human Leptin Receptor polyclonal antibody is then added. This detection antibody binds to the antigen thus completing the sandwich. After washing, an enzyme Avidin-Biotin-Peroxidase complex (ABC) is added which binds to the second antibody. The peroxidase substrate TMB is added to induce a coloured reaction product. The intensity of this coloured product is directly proportional to the concentration of Leptin Receptor present in the samples. The purpose of this kit is the in-vitro quantitative determination of human Leptin Receptor in samples such as sera, plasma, tissue lysates and cell culture supernates. This kit has been configured for research use only and is not to be used in diagnostic or clinical procedures.

Batch No.: See product labels

Other Names: Leptin receptor; LEP-R; HuB219; OB receptor; OB-R; CD295; LEPR; DB; OBR;

Accession: P48357 LEPR_HUMAN;

Specificity: Human Leptin Receptor

Storage: Store at 4°C

Kit components: The ELISA kit box contains 2 x 96 pre-coated strip plates, protein standards, detection reagents, substrate buffer and precise instructions.

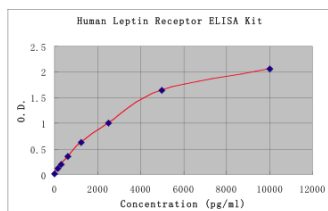
Range: 156 pg/ml - 10,000 pg/ml

Sensitivity: < 8 pg/ml

Kit protocol: Please refer to our online product listing for current protocol/MSDS versions.

Typical Human Leptin receptor ELISA Kit Standard Curve
(TMB reaction incubated at 37°C for 8 min)

Concentration (pg/ml)	0.0	156	313	625	1250	2500	5000	10,000
O.D.	0.015	0.117	0.198	0.353	0.628	1.004	1.646	2.053



This standard curve is for demonstration purposes only. A standard curve should be generated for each assay.

FOR RESEARCH USE ONLY