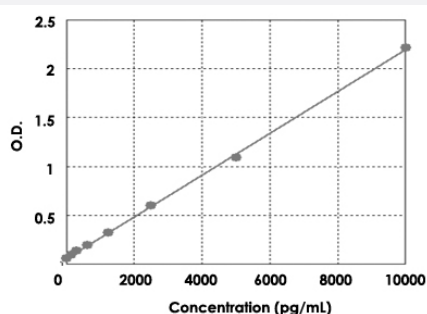


# LEPR (Human) ELISA Kit

Catalog # KA3081      Size 1 Kit

## Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

## Specification

|                                |                                                                                                                                                                                                   |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | LEPR (Human) ELISA Kit is intended for the quantitative measurement of human LEPR.                                                                                                                |
| <b>Suitable Sample</b>         | Body Fluid, Cell Culture Supernatant, Plasma, Serum, Tissue Lysate                                                                                                                                |
| <b>Sample Volume</b>           | 100 uL                                                                                                                                                                                            |
| <b>Label</b>                   | HRP-conjugated                                                                                                                                                                                    |
| <b>Detection Method</b>        | Colorimetric                                                                                                                                                                                      |
| <b>Assay Type</b>              | Quantitative                                                                                                                                                                                      |
| <b>Calibration Range</b>       | 156 to 10000 pg/mL                                                                                                                                                                                |
| <b>Reactivity</b>              | Human                                                                                                                                                                                             |
| <b>Regulation Status</b>       | For research use only (RUO)                                                                                                                                                                       |
| <b>Quality Control Testing</b> | Standard Curve<br>The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed. |
| <b>Storage Instruction</b>     | Store at 4°C for 4 months, or at -20°C for 8 months.                                                                                                                                              |

## Applications

- Quantification

## Gene Info — LEPR

|                    |                                                                                                                                                                                                                                                                                               |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">3953</a>                                                                                                                                                                                                                                                                          |
| Gene Name          | LEPR                                                                                                                                                                                                                                                                                          |
| Gene Alias         | CD295, OBR                                                                                                                                                                                                                                                                                    |
| Gene Description   | leptin receptor                                                                                                                                                                                                                                                                               |
| Omim ID            | <a href="#">601007</a>                                                                                                                                                                                                                                                                        |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                     |
| Gene Summary       | Leptin (LEP; MIM 164160), an adipocyte-specific hormone that regulates adipose-tissue mass through hypothalamic effects on satiety and energy expenditure, acts through the leptin receptor (LEPR), a single-transmembrane-domain receptor of the cytokine receptor family.[supplied by OMIM] |
| Other Designations | OB receptor OTTHUMP00000010693 OTTHUMP00000010694                                                                                                                                                                                                                                             |

## Pathway

- [Adipocytokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

## Disease

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Albuminuria](#)

- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Breast cancer](#)
- [Breast Diseases](#)
- [Breast Neoplasms](#)
- [Bulimia](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cerebrovascular Disorders](#)
- [Chronic Disease](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Coronary Disease](#)
- [Cues](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Diseases in Twins](#)
- [Drug Toxicity](#)

- [Edema](#)
- [Endometrial Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Fatty Liver](#)
- [Fetal Weight](#)
- [Gallstones](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Glucose Metabolism Disorders](#)
- [HELLP Syndrome](#)
- [Hepatitis](#)
- [Hepatitis C](#)
- [Hypercholesterolemia](#)
- [Hyperinsulinism](#)
- [Hyperlipidemias](#)
- [Hyperphagia](#)
- [Hypertension](#)
- [Hypogonadism](#)
- [Immunologic Deficiency Syndromes](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Mental Disorders](#)

- [Metabolic Diseases](#)
- [Metabolic Syndrome X](#)
- [Metabolism](#)
- [Microsatellite Instability](#)
- [Mouth Neoplasms](#)
- [NARP](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Obesity](#)
- [Ossification of Posterior Longitudinal Ligament](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Overweight](#)
- [Peripheral Vascular Diseases](#)
- [Polycystic Ovary Syndrome](#)
- [Postoperative Complications](#)
- [Precancerous Conditions](#)
- [Pre-Eclampsia](#)
- [Pregnancy in Diabetics](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Satiety Response](#)
- [Schizophrenia](#)
- [Sleep Apnea](#)

- [Spinal Dysraphism](#)
- [Spinal Fractures](#)
- [Taste](#)
- [Thinness](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Weight Gain](#)
- [Weight Loss](#)
- [Werner syndrome](#)