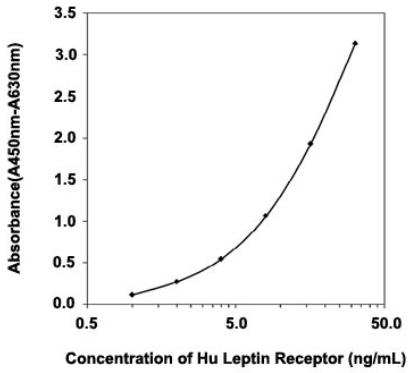
LEPR (Human) ELISA Kit

Catalog # KA0027 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

Product Description	LEPR (Human) ELISA Kit is a double monoclonal sandwich enzyme immunoassay for the quantitative measurement of human Leptin receptor in serum, plasma and tissue culture medium.
Suitable Sample	Plasma (EDTA, Heparin), Serum
Sample Volume	100 uL
Label	HRP-conjugate
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	1 to 32 ng/mL
Limit of Detection	0.05 ng/mL
Reactivity	Human
Regulation Status	For research use only (RUO)

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Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknown s. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store the kit at 4°C.

Applications

- Quantification

Gene Info — LEPR

Entrez GeneID	3953
Gene Name	LEPR
Gene Alias	CD295, OBR
Gene Description	leptin receptor
Omim ID	601007
Gene Ontology	Hyperlink
Gene Summary	Leptin (LEP; MIM 164160), an adipocyte-specific hormone that regulates adipose-tissue mass th rough hypothalamic effects on satiety and energy expenditure, acts through the leptin receptor (LE PR), 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

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- 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

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- 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

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- 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

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- 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

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