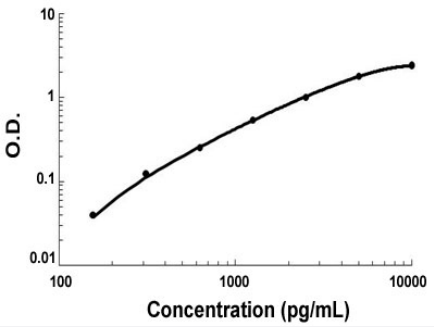
IGF2R (Human) ELISA Kit

Catalog # KA4489 Size 1 Kit

Applications



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

Specification

Product Description	IGF2R (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human IGF2R.
Suitable Sample	Cell culture supernates, Plasma (heparin, EDTA), Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10,000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

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- Quantification

Gene Info — IGF2R

Entrez GeneID	3482
Gene Name	IGF2R
Gene Alias	CD222, CIMPR, M6P-R, MPR1, MPRI
Gene Description	insulin-like growth factor 2 receptor
Omim ID	147280
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a receptor for both, insulin-like growth factor 2 (IGF2) and mannose 6-phosphate (M6P). The IGF2 and M6P binding sites are located on different segments of the receptor. This receptor functions in the intracellular trafficking of lysosomal enzymes, the activation of transforming growth factor beta, and the degradation of IGF2. In mice, the homologous gene is expressed only from the maternal chromosome. [provided by RefSeq
Other Designations	OTTHUMP00000017536|cation-independent mannose-6 phosphate receptor|insulin-like growth factor-2 receptor (mannose-6-phosphate receptor, cation-independent)

Pathway

- Lysosome

Disease

- Adenocarcinoma
- Alzheimer disease
- Birth Weight
- Bone Neoplasms
- Brain Neoplasms

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- Breast cancer
- Breast Neoplasms
- Carcinoma
- Cardiovascular Diseases
- Celiac Disease
- Chorioamnionitis
- Diabetes Complications
- Diabetes Mellitus
- Esophageal Neoplasms
- Fetal Membranes
- Genetic Predisposition to Disease
- Insulin Resistance
- Kidney Failure
- Liver Neoplasms
- Lung Neoplasms
- Lymphoma
- Metabolic Syndrome X
- Mouth Neoplasms
- Neoplasms
- Obesity
- Obstetric Labor
- Osteoporosis
- Osteosarcoma
- Ovarian cancer
- Ovarian Failure
- Ovarian Neoplasms

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- Pancreatic Neoplasms
- Polycystic Ovary Syndrome
- Pre-Eclampsia
- Premature Birth
- Prostatic Neoplasms
- Puberty
- Pulmonary Disease
- Stomach Neoplasms
- Thrombophilia
- Tobacco Use Disorder
- Urinary Bladder Neoplasms
- Werner syndrome

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