

INSR (Human) Cell-Based ELISA Kit

Catalog # KA2929

Size 1 Kit

Specification

Product Description	INSR (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of INSR expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — INSR

Entrez GeneID	3643
Protein Accession#	P06213
Gene Name	INSR
Gene Alias	CD220, HHF5
Gene Description	insulin receptor

Omim ID [147670 246200 262190 609968 610549](#)

Gene Ontology [Hyperlink](#)

Gene Summary After removal of the precursor signal peptide, the insulin receptor precursor is post-translationally cleaved into two chains (alpha and beta) that are covalently linked. Binding of insulin to the insulin receptor (INSR) stimulates glucose uptake. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations -

Publication Reference

- [Glucose Influences the Response of Glioblastoma Cells to Temozolomide and Dexamethasone.](#)

Anna M Bielecka-Wajdman, Tomasz Ludyga, Daria Smyk, Wojciech Smyk, Magdalena Mularska, Patrycja Świderek, Wojciech Majewski, Christina Susanne Mullins, Michael Linnebacher, Ewa Obuchowicz.

Cancer Control 2022 Jan; 29:1073274822.

Application: ELISA, Human, T98G cells

Pathway

- [Adherens junction](#)
- [Insulin signaling pathway](#)
- [Type II diabetes mellitus](#)

Disease

- [Acanthosis Nigricans](#)
- [Adenomatous Polyps](#)
- [Anorexia Nervosa](#)
- [Atherosclerosis](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bulimia](#)

- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis](#)
- [Hyperandrogenism](#)
- [Hypercholesterolemia](#)
- [Hyperinsulinism](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Migraine with Aura](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Obesity](#)

- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Pre-Eclampsia](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Thinness](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)