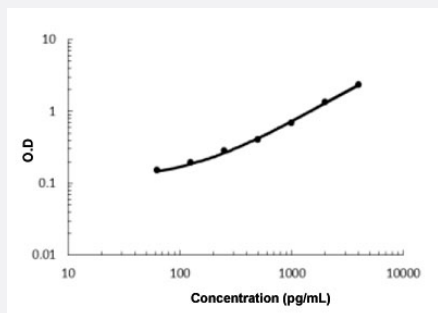


REG1A (Human) ELISA Kit

Catalog # KA5775 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	REG1A (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human REG1A.
Suitable Sample	Cell Culture Supernates, Plasma (Heparin), and Serum.
Sample Volume	100 μ L
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	62.5 to 4000 pg/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)
Quality Control Testing	Standard curve 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.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

- Quantification

Gene Info — REG1A

Entrez GeneID [5967](#)

Protein Accession# [P05451](#)

Gene Name REG1A

Gene Alias ICRF, MGC12447, P19, PSP, PSPS, PSPS1, PTP, REG

Gene Description regenerating islet-derived 1 alpha

Omim ID [167770](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a type I subclass member of the Reg gene family. The Reg gene family is a multigene family grouped into four subclasses, types I, II, III and IV, based on the primary structures of the encoded proteins. This gene encodes a protein that is secreted by the exocrine pancreas. It is associated with islet cell regeneration and diabetogenesis and may be involved in pancreatic lithogenesis. Reg family members REG1B, REGL, PAP and this gene are tandemly clustered on chromosome 2p12 and may have arisen from the same ancestral gene by gene duplication. [provided by RefSeq]

Other Designations OTTHUMP00000160485|islet cells regeneration factor|islet of langerhans regenerating protein|lithostathine 1 alpha|pancreatic stone protein, secretory|pancreatic thread protein|protein-X|regenerating islet-derived 1 alpha (pancreatic stone protein, pancrea

Disease

- [Calcinosis](#)
- [Diabetes Mellitus](#)
- [Pancreatitis](#)
- [Tobacco Use Disorder](#)