GCG (Human) Cell-Based ELISA Kit

Catalog # KA2890 Size 1 Kit

Specification

Product Description	GCG (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of GCG 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 — GCG

Entrez GeneID	2641
Protein Accession#	P01275
Gene Name	GCG
Gene Alias	GLP1, GLP2, GRPP
Gene Description	glucagon

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Omim ID	138030
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is actually a preproprotein that is cleaved into four distinct mature peptides. One of these, glucagon, is a pancreatic hormone that counteracts the glucose-lowering action of insulin by stimulating glycogenolysis and gluconeogenesis. Glucagon is a ligand for a specific G-protein linked receptor whose signalling pathway controls cell proliferation. Two of the other peptides are secreted from gut endocrine cells and promote nutrient absorption through distinct mechanisms. Finally, the fourth peptide is similar to glicentin, an active enteroglucagon. [provided by RefSeq
Other Designations	glicentin-related polypeptide|glucagon-like peptide 1|glucagon-like peptide 2

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Atherosclerosis
- Calcinosis
- Cardiovascular Diseases
- Coronary Artery Disease
- Diabetes Mellitus
- Drug Toxicity
- Edema
- Obesity

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