

Pig glucagon ELISA Kit | GCG elisa kit

Pig Glucagon, GC ELISA Kit

CATALOG #
AAA80816

REACTIVITY
Pig

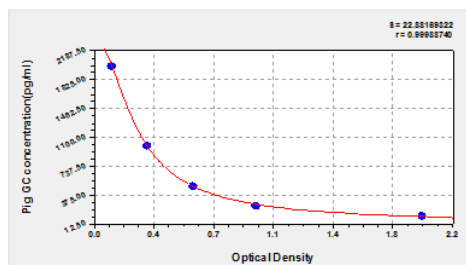
PRODUCT SYNONYMS

glucagon; Pig Glucagon; GC ELISA Kit; Pig Glucagon (GC) ELISA Kit; GLP1; GLP2; GRPP; glicentin-related polypeptide; glucagon-like peptide 1; glucagon-like peptide 2; GCG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig GCG. No significant cross-reactivity or interference between Pig GCG and analogues was observed.
Sequence Length	180
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	125 pg/ml-2000 pg/ml
Sensitivity	62.5 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GCG elisa kit	Principle of the Assay: This assay employs the direct competitive inhibition enzyme immunoassay technique. An antibody specific for GC has been pre-coated onto a microplate. Add GC (Standards or samples) to the well, and then add Biotin-conjugated GC. A competitive inhibition reaction is launched between GC (Standards or samples) and Biotin conjugated GC with the GC antibody. Then add the HRP-avidin to each well. The substrate solutions are added to the wells, respectively. And the color develops in opposite to the amount of GC bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47523706
NCBI GeneID	397595
NCBI Accession #	NP_999489.1
NCBI GenBank Nucleotide #	NM_214324.1
UniProt Accession #	P01274; Q864V8
Molecular Weight	21,029 Da
NCBI Official Full Name	glucagon
NCBI Official Symbol	GCG
NCBI Protein Information	glucagon; proglucagon
UniProt Protein Name	Glucagon
UniProt Gene Name	GCG
UniProt Synonym Gene Names	GRPP; OXM; OXY; GLP-1; GLP-1(7-37); GLP-1(7-36); GLP-2
UniProt Entry Name	GLUC_PIG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/gcg-pig-elisa-kits/glucagon/80816>