

Porcine Glucagon ELISA Kit | GC elisa kit

Porcine Glucagon ELISA Kit

CATALOG #
AAA89417

REACTIVITY
Porcine

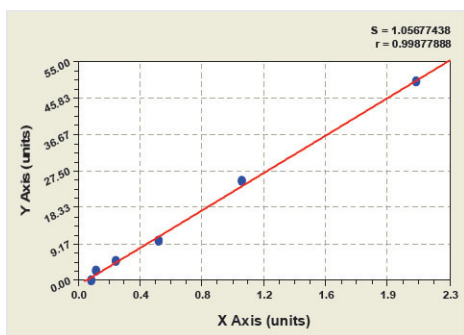
PRODUCT SYNONYMS

Glucagon; Porcine Glucagon ELISA Kit; GC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This GC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine GC. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for GC elisa kit

Principle of the Assay: GC ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for GC. Standards or samples are then added to the microtiter plate wells and GC if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of GC present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for GC are added to each well to "sandwich" the GC immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain GC and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GC concentration in each sample is interpolated from this standard curve.

Product Categories/Family for GC elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13528972
NCBI GeneID	2641
Molecular Weight	20,909 Da
NCBI Official Full Name	Glucagon
NCBI Official Synonym Full Names	glucagon
NCBI Official Symbol	GCG
NCBI Official Synonym Symbols	GLP1; GLP2; GRPP
NCBI Protein Information	glucagon; preproglucagon; glucagon-like peptide 1; glucagon-like peptide 2; glicentin-related polypeptide
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_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/gc-porcine-elisa-kits/glucagon/89417>