

Mouse glucagon ELISA Kit | GCG elisa kit

Mouse Glucagon, GC ELISA Kit

CATALOG #
AAA80831

REACTIVITY
Mouse

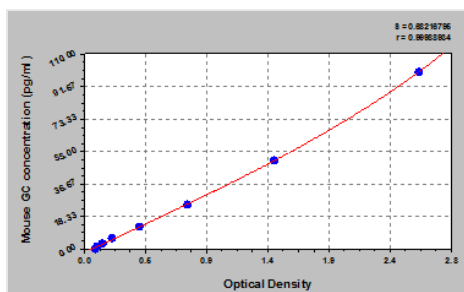
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse GCG. No significant cross-reactivity or interference between Mouse GCG and analogues was observed.
Sequence Length	180
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	1.56 pg/ml-100 pg/ml
Sensitivity	0.39 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 quantitative sandwich enzyme immunoassay technique. Antibody specific for GC has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GC present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GC is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion 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 #	33468853
NCBI GeneID	14526
NCBI Accession #	NP_032126.1
NCBI GenBank Nucleotide #	NM_008100.3
UniProt Accession #	P55095; Q3UFE9
Molecular Weight	20,906 Da
NCBI Official Full Name	glucagon
NCBI Official Synonym Full Names	glucagon
NCBI Official Symbol	Gcg
NCBI Official Synonym Symbols	Glu; PPG; GLP-1
NCBI Protein Information	glucagon; glucagon-like peptide I
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_MOUSE

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://stage.aaabiotech.com/gcg-mouse-elisa-kits/glucagon/80831>