

Mouse Glucagon ELISA Kit | GC elisa kit

Mouse Glucagon (GC) ELISA Kit

CATALOG # AAA55904	REACTIVITY Mouse
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse GC. No significant cross-reactivity or interference between Mouse GC and analogues was observed.
Sequence Length	180
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.625 pg/mL - 40 pg/mL
Sensitivity	0.2 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for GC elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate GC in Mouse serum, plasma. An 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, Streptavidin 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. Intended Uses: For the quantitative detection of Mouse Glucagon (GC) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33468853
NCBI GeneID	14526
NCBI Accession #	NP_032126.1
NCBI GenBank Nucleotide #	NM_008100.4
UniProt Accession #	P55095 ; Q3UFE9

Molecular Weight	20,906 Da
NCBI Official Full Name	glucagon preproprotein
NCBI Official Synonym Full Names	glucagon
NCBI Official Symbol	Gcg
NCBI Official Synonym Symbols	Glu; PPG; GLP-1
NCBI Protein Information	glucagon
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

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/gc-mouse-elisa-kits/glucagon/55904>