

Mouse Glucagon, GC ELISA Kit | GC elisa kit

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CATALOG #
AAA121403

REACTIVITY
Mouse

PRODUCT SYNONYMS

Glucagon; GC; Mouse Glucagon; GC ELISA Kit; GC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	180
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	3ng/L - 900ng/L
Sensitivity	1.52ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GC elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Glucagon (also known as GC) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse GC antibody. GC present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse GC Antibody is added and binds to GC in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GC Antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse GC. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503945
NCBI GeneID	2641
NCBI Accession #	NP_002045.1
NCBI GenBank Nucleotide #	NM_002054.4
UniProt Accession #	P01275; Q53TP6; A6NN65
Molecular Weight	20,909 Da
NCBI Official Full Name	glucagon preproprotein
NCBI Official Synonym Full Names	glucagon
NCBI Official Symbol	GCG
NCBI Official Synonym Symbols	GLP1; GLP2; GRPP; 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://stage.aaabiotech.com/mouse-elisa-kits/glucagon-gc/121403>