

Human Glucagon ELISA Kit | GC elisa kit

Human Glucagon ELISA Kit

CATALOG #
AAA83554

REACTIVITY
Human

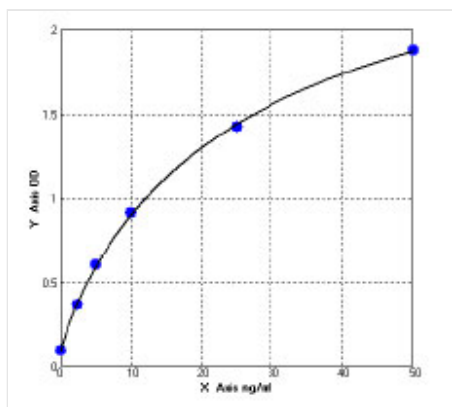
PRODUCT SYNONYMS

Glucagon; Human Glucagon ELISA Kit; GC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ug/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GC elisa kit

Intended Uses: This GBSIII IgG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human GBSIII IgG. This ELISA kit for research use only!

Principle of the Assay: GBSIII IgG ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-GBSIII IgG antibody and an GBSIII IgG-HRP conjugate. The assay sample and buffer are incubated together with GBSIII IgG-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GBSIII IgG concentration since GBSIII IgG from samples and GBSIII IgG-HRP conjugate compete for the anti-GBSIII IgG antibody binding site. Since the number of sites is limited, as more sites are occupied by GBSIII IgG from the sample, fewer sites are left to bind GBSIII IgG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GBSIII IgG concentration in each sample is interpolated from this standard curve.

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-human-elisa-kits/glucagon/83554>