

## Mouse Glucagon ELISA Kit | Gcg elisa kit

Mouse Glucagon ELISA Kit

CATALOG #  
**AAA195471**

REACTIVITY  
**Mouse**

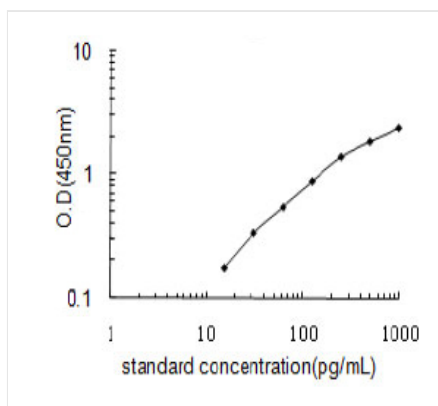
### PRODUCT SYNONYMS

Glucagon; Mouse Glucagon ELISA Kit; Gcg; Gcg elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                 |
| Specificity             | Recombinant and natural Mouse Glucagon                                                |
| Sequence Length         | 180                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Detection Range         | 15.6-1000 pg/mL                                                                       |
| Sensitivity             | < 8.04 pg/mL                                                                          |
| Intra-assay Precision   | <=4.3%                                                                                |
| Inter-assay Precision   | <=6.4%                                                                                |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Gcg elisa kit | <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.</p> <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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 |
| 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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