

## Mouse GNAS/Protein ALEX ELISA Kit | GNAS elisa kit

Mouse GNAS/Protein ALEX ELISA Kit

CATALOG #  
**AAA196666**

REACTIVITY  
**Mouse**

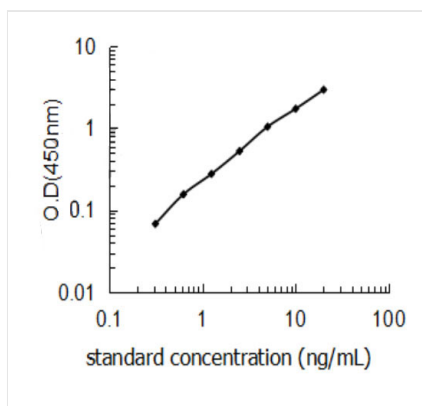
### PRODUCT SYNONYMS

GNAS/Protein ALEX; Mouse GNAS/Protein ALEX ELISA Kit; Protein ALEX; Alternative gene product encoded by XL-exon; Gnas1; GNAS elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                             |
| Specificity             | Recombinant and natural Mouse Guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas |
| Sequence Length         | 876                                                                                               |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids             |
| Detection Range         | 0.312-20 ng/mL                                                                                    |
| Sensitivity             | < 0.149 ng/mL                                                                                     |
| Intra-assay Precision   | <=5.8%                                                                                            |
| Inter-assay Precision   | <=10.4%                                                                                           |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                               |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| Related Product Information for GNAS elisa kit | <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> <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> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 117959926                                                                                                                                                                |
| NCBI GeneID                      | 14683                                                                                                                                                                    |
| NCBI Accession #                 | NP_963911.1                                                                                                                                                              |
| NCBI GenBank Nucleotide #        | NM_201617.2                                                                                                                                                              |
| UniProt Accession #              | Q6R0H6; P63094; Q6R0H7; Q9Z0F1                                                                                                                                           |
| NCBI Official Full Name          | protein GNAS isoform XXLb1                                                                                                                                               |
| NCBI Official Synonym Full Names | GNAS (guanine nucleotide binding protein, alpha stimulating) complex locus                                                                                               |
| NCBI Official Symbol             | Gnas                                                                                                                                                                     |
| NCBI Official Synonym Symbols    | P1; P2; P3; GSP; Gsa; POH; GPSA; Nesp; SCG6; Gnas1; Nespl; PHP1A; PHP1B; Gnasxl; Nesp55; Oedsml; Galphas; Oed-Sml; Gs-alpha; 5530400H20Rik; A930027G11Rik; C130027O20Rik |
| NCBI Protein Information         | protein ALEX; protein GNAS; protein SCG6 (secretogranin VI)                                                                                                              |
| UniProt Protein Name             | Protein ALEX                                                                                                                                                             |
| UniProt Gene Name                | Gnas                                                                                                                                                                     |
| UniProt Synonym Gene Names       | Gnas1                                                                                                                                                                    |
| UniProt Entry Name               | ALEX_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/mouse-elisa-kits/gnas-protein-alex/196666>