

## Rabbit Glucose Oxidase ELISA Kit | GOD elisa kit

Rabbit Glucose Oxidase ELISA Kit

CATALOG #  
**AAA81838**

REACTIVITY  
**Rabbit**

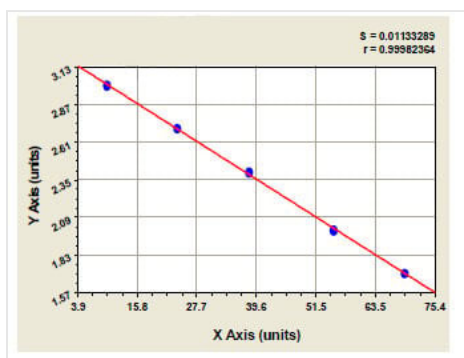
### PRODUCT SYNONYMS

Glucose Oxidase; Rabbit Glucose Oxidase ELISA Kit; GOD elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rabbit                                                                                                                                                                                |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                            |
| Assay Type              | Competitive                                                                                                                                                                           |
| Sensitivity             | 1.0 ug/mL.                                                                                                                                                                            |
| Intended Uses           | This GOD ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit GOD. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for GOD elisa kit

**Principle of the Assay:** GOD ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GOD antibody and an GOD-HRP conjugate. The assay sample and buffer are incubated together with GOD-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 GOD concentration since GOD from samples and GOD-HRP conjugate compete for the anti-GOD antibody binding site. Since the number of sites is limited, as more sites are occupied by GOD from the sample, fewer sites are left to bind GOD-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GOD concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

|                                  |                  |
|----------------------------------|------------------|
| NCBI GI #                        | 58585090         |
| NCBI GeneID                      | 406081           |
| NCBI Accession #                 | NP_001011574.1   |
| NCBI GenBank Nucleotide #        | NM_001011574.1   |
| NCBI Official Full Name          | glucose oxidase  |
| NCBI Official Synonym Full Names | glucose oxidase< |
| NCBI Official Symbol             | LOC406081        |
| NCBI Official Synonym Symbols    | GB19418          |
| NCBI Protein Information         | glucose oxidase  |

**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/god-rabbit-elisa-kits/glucose-oxidase/81838>