# Rat GDH ELISA Kit | GDH elisa kit

Rat GDH (Glutamate Dehydrogenase) ELISA Kit

| CATALOG # | REACTIVITY |
|---|---|
| **AAA164987** | **Rat** |

## PRODUCT SYNONYMS

GDH; Rat GDH (Glutamate Dehydrogenase) ELISA Kit; GDH elisa kit

## PRODUCT SPECIFICATIONS

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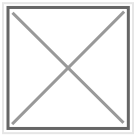
| **Reactivity** | Rat |
| **Specificity** | This assay has high sensitivity and excellent specificity for detection of Rat GDH. No significant cross-reactivity or interference between Rat GDH and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat GDH and all the analogues, therefore, cross reaction may still exist. |
| **Sequence Length** | 261 |
| **Samples** | Serum, Plasma, Biological Fluids |
| **Assay Type** | Sandwich |
| **Detection Range** | 0.625-40ng/mL |
| **Sensitivity** | Min: 0.375ng/mL; Max: 40ng/mL |
| **Preparation and Storage** | Store at 4 degree C. |

## IMAGES



**Standard Curve (Sample)**

## ADDITIONAL INFORMATION

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| **Related Product Information for GDH elisa kit** | **Description:** The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GDH in Rat serum, plasma and other biological fluids<br>**Principle of the Assay:** This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat GDH. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat GDH and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat GDH, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat GDH. You can calculate the concentration of Rat GDH in the samples by comparing the OD of the samples to the standard curve. |

## NCBI AND UNIPROT INFORMATION

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| **NCBI GI #** | 154350738 |
| **Molecular Weight** | 28,396 Da |
| **NCBI Official Full Name** | Gdh |
| **UniProt Protein Name** | Gdh |
| **UniProt Gene Name** | **gdh** |
| **UniProt Entry Name** | A7Z1E1_BACA2 |

**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/rat-elisa-kits/gdh/164987