

## Rat Immunoglobulin G, IgG ELISA Kit | IgG elisa kit

Rat Immunoglobulin G, IgG ELISA Kit

CATALOG #  
**AAA79551**

REACTIVITY  
**Rat**

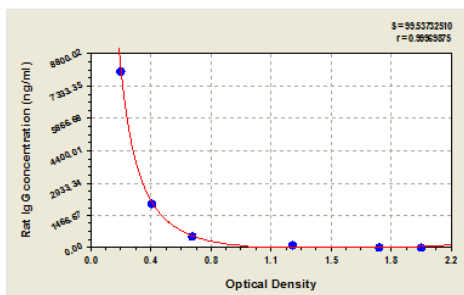
### PRODUCT SYNONYMS

Immunoglobulin G; IgG; Rat Immunoglobulin G; IgG ELISA Kit; IgG elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                                             |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of rat IgG. No significant cross-reactivity or interference between rat IgG and analogues was observed. |
| Sequence Length         | 476                                                                                                                                                                             |
| Assay Type              | Competitive                                                                                                                                                                     |
| Samples                 | Serum, plasma                                                                                                                                                                   |
| Detection Range         | 31.25 ng/ml-8000 ng/ml                                                                                                                                                          |
| Sensitivity             | < 31.25 ng/ml                                                                                                                                                                   |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.                                |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.                                         |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                               |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for IgG elisa kit

**Principle of the Assay:** This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with rat IgG. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for rat IgG. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in opposite to the amount of rat IgG in samples. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

|                         |        |
|-------------------------|--------|
| NCBI GI #               | 185362 |
| NCBI Official Full Name | IgG    |

**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/rat-elisa-kits/immunoglobulin-g-igg/79551>