

## Rat Immunoglobulin G2a (IgG2a) ELISA Kit | IgG2a elisa kit

Rat Immunoglobulin G2a (IgG2a) quantitative detection ELISA Kit

CATALOG #  
**AAA210645**

REACTIVITY  
**Rat**

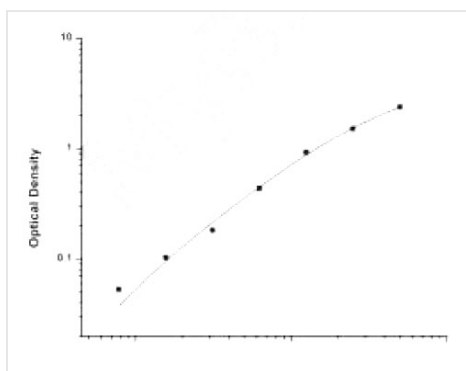
### PRODUCT SYNONYMS

Immunoglobulin G2a (IgG2a); Rat Immunoglobulin G2a (IgG2a) quantitative detection ELISA Kit; IgG2a elisa kit

### PRODUCT SPECIFICATIONS

|                       |                                                                                                                                  |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Reactivity            | Rat                                                                                                                              |
| Specificity           | This kit identifies natural and recombinant Rat IgG2A, with No crossing with structural analogs.                                 |
| Assay Type            | Quantitative Sandwich                                                                                                            |
| Samples               | Serum, plasma, and cell culture supernatant                                                                                      |
| Sensitivity           | < 1 pg/ml                                                                                                                        |
| Intra-assay Precision | In the same lot CV%<10?3 groups of known high, medium, and low concentration samples were evaluated 20 times on the same plate.  |
| Inter-assay Precision | Different lot CV%<15: 3 groups of known high, medium, and low concentration samples were evaluated 20 times on different plates. |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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| Related Product Information for IgG2a elisa kit | <p>Principle of the Assay: This ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with Rat IgG2A antibody (solid phase antigen), standards or samples are added to the microtiter plate wells, then add anti- Rat IgG2A HRP labeled antibody. Wells are thoroughly washed to remove all unbound components. And a sandwich complex of solid antigen-antibody enzyme-labeled secondary antibodies is formed on the solid surface of the microplate. Next, Substrate solution A and substrate solution B are added to each well, and it will produce blue materials under HRP catalysis. The enzyme-substrate reaction is terminated by the addition of sulphuric acid and the color change to yellow. Measured spectrophotometrically at a wavelength of 450 nm, the absorbance (OD value) is positively correlated with the concentration of Rat IgG2A in the sample. The concentration of IgG2A in the samples could be determined by comparing the O.D. of the samples to the standard curve.</p> <p>Intended Uses: This kit is used for detecting the Rat IgG2a concentration of serum, plasma, and cell culture supernatant.</p> |
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**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/immunoglobulin-g2a-igg2a/210645>