

## Human IgG2 ELISA Kit | IgG2 elisa kit

Human IgG2 (Immunoglobulin G2) ELISA Kit

CATALOG #  
**AAA165517**

REACTIVITY  
**Human**

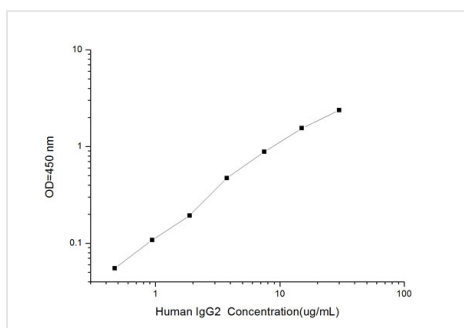
### PRODUCT SYNONYMS

IgG2; Human IgG2 (Immunoglobulin G2) ELISA Kit; IgG2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                  |
| Specificity             | This kit recognizes natural and recombinant Human IgG2. No significant cross-reactivity or interference between Human IgG2 and analogues was observed. |
| Sequence Length         | 326                                                                                                                                                    |
| Samples                 | Serum, Plasma, Biological Fluids                                                                                                                       |
| Assay Type              | Sandwich                                                                                                                                               |
| Detection Range         | 0.469-30?g/mL                                                                                                                                          |
| Sensitivity             | Min: 0.281?g/mL; Max: 30?g/mL                                                                                                                          |
| Intended Uses           | This ELISA kit applies to the in vitro quantitative determination of Human IgG2 concentrations in serum, plasma and other biological fluids.           |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| Related Product Information for IgG2 elisa kit | <p><b>Principle of the assay:</b> 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 IgG2. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for IgG2 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 IgG2, 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 IgG2. You can calculate the concentration of IgG2 in the samples by comparing the OD of the samples to the standard curve.</p> |
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NCBI AND UNIPROT INFORMATION

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|-------------------------|-----------------------------------------------------|
| NCBI GI #               | 10799664                                            |
| NCBI Official Full Name | immunoglobulin heavy chain constant region, partial |

**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/human-elisa-kits/igg2/165517>