

## Human CD32 ELISA Kit | FCGR2B elisa kit

Human CD32 ELISA Kit

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| CATALOG #<br><b>AAA261688</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA</b> |
|-------------------------------|----------------------------|------------------------------|

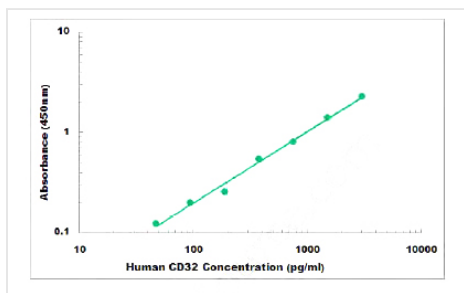
### PRODUCT SYNONYMS

CD32; Human CD32 ELISA Kit; FCGR2B; FCG2; IGFR2; Low affinity immunoglobulin gamma Fc region receptor II-b; IgG Fc receptor II-b; CDw32; Fc-gamma RII-b; Fc-gamma-RIIb; FcRII-b; FCGR2C; Low affinity immunoglobulin gamma Fc region receptor II-c; IgG Fc receptor II-c; Fc-gamma RII-c; Fc-gamma-RIIc; FcRII-c; FCGR2B elisa kit

### PRODUCT SPECIFICATIONS

|                                              |                                                                                                                                                                                          |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                   | Human                                                                                                                                                                                    |
| Specificity                                  | The Human CD32 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human CD32 proteins within the range of 46.9 pg/ml - 3000 pg/ml. |
| Sequence Length                              | 310                                                                                                                                                                                      |
| Samples                                      | Cell Culture Supernatants, Serum, Plasma.                                                                                                                                                |
| Sensitivity                                  | 1 pg/ml.                                                                                                                                                                                 |
| Applicable Applications for FCGR2B elisa kit | ELISA (Sandwich ELISA)                                                                                                                                                                   |
| Preparation and Storage                      | Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.                                                                              |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for FCGR2B elisa kit | <p>Principle of the Assay  The Human CD32 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human CD32 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human CD32 coated on a 96-well plate. Standards and samples are pipetted into the wells and CD32 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human CD32 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CD32 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.</p> <p>Background/Introduction: CD32 is a surface receptor protein and part of a large population of B cell co-receptors, which act to modulate signaling. It has a low-affinity for IgG antibodies and down-regulates antibody production in the presence of IgG. This feedback loops essentially lowers the production of IgG produced by B cells when there is a surplus in the body.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                 |
|----------------------------------|-----------------------------------------------------------------|
| NCBI GI #                        | 8039788                                                         |
| NCBI GeneID                      | 2213                                                            |
| UniProt Accession #              | P31994; O95649; Q53X85; Q5VXA9; Q8NIA1; A6H8N3                  |
| Molecular Weight                 | 33,450 Da                                                       |
| NCBI Official Full Name          | Low affinity immunoglobulin gamma Fc region receptor II-b       |
| NCBI Official Synonym Full Names | Fc fragment of IgG receptor IIb                                 |
| NCBI Official Symbol             | FCGR2B                                                          |
| NCBI Official Synonym Symbols    | CD32; FCG2; CD32B; FCGR2; IGFR2                                 |
| NCBI Protein Information         | low affinity immunoglobulin gamma Fc region receptor II-b       |
| UniProt Protein Name             | Low affinity immunoglobulin gamma Fc region receptor II-b       |
| UniProt Gene Name                | FCGR2B                                                          |
| UniProt Synonym Gene Names       | CD32; FCG2; IGFR2; IgG Fc receptor II-b; Fc-gamma-RIIb; FcRII-b |
| UniProt Entry Name               | FCG2B_HUMAN                                                     |

**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/fcgr2b-human-elisa-kits/cd32/261688>