

## Human leukocyte antigen G, HLA-G ELISA Kit | HLA-G elisa kit

Human leukocyte antigen G, HLA-G ELISA Kit

CATALOG #  
**AAA42920**

REACTIVITY  
**Human**

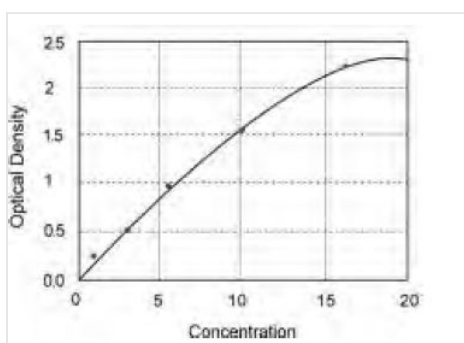
### PRODUCT SYNONYMS

leukocyte antigen G; HLA-G; Human leukocyte antigen G; HLA-G ELISA Kit; HLA-G elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                            |
| Sequence Length         | 182                                                                                                                                                                                              |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Samples                 | Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids                                                                                                   |
| Detection Range         | 5-2000ng/L                                                                                                                                                                                       |
| Sensitivity             | 2.52ng/L                                                                                                                                                                                         |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%                              |
| Inter-assay Precision   | Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10% |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                                                                                                                                           |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for HLA-G elisa kit | <p>Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human HLA-G antibody. HLA-G present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human HLA-G Antibody is added and binds to HLA-G in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HLA-G antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human HLA-G. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.</p> <p>Intended Uses: This sandwich kit is for the accurate quantitative detection of Human leukocyte antigen G (also known as HLA-G) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.</p> |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| NCBI GI #                        | 1633633                                               |
| NCBI GeneID                      | 3135                                                  |
| Molecular Weight                 | 27,694 Da                                             |
| NCBI Official Full Name          | HLA-G, partial                                        |
| NCBI Official Synonym Full Names | major histocompatibility complex, class I, G          |
| NCBI Official Symbol             | HLA-G                                                 |
| NCBI Official Synonym Symbols    | MHC-G                                                 |
| NCBI Protein Information         | HLA class I histocompatibility antigen, alpha chain G |
| UniProt Protein Name             | HLA class I histocompatibility antigen, alpha chain G |
| UniProt Gene Name                | HLA-G                                                 |
| UniProt Synonym Gene Names       | HLA-6.0; HLAG                                         |

**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.