

## Human HLA class I histocompatibility antigen, alpha chain F ELISA Kit | HLA-F elisa kit

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CATALOG #  
**AAA196167**

REACTIVITY  
**Human**

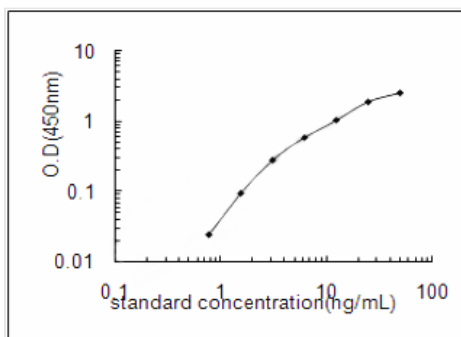
### PRODUCT SYNONYMS

HLA class I histocompatibility antigen; alpha chain F; Human HLA class I histocompatibility antigen; alpha chain F ELISA Kit; CDA12; HLA F antigen; Leukocyte antigen F; MHC class I antigen F; HLA-F; HLA-5.4; HLAF; HLA-F elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                 |
| Sequence Length         | 346                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Intra-Assay CV          | <=6.8%                                                                                |
| Inter-Assay CV          | <=9.2%                                                                                |
| Recovery                | 113%                                                                                  |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for HLA-F elisa kit

**Principle of the Assay:** The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm  $\pm$  2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

**Intended Uses:** This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                 |
|----------------------------------|-----------------------------------------------------------------|
| NCBI GI #                        | 149158698                                                       |
| NCBI GeneID                      | 3134                                                            |
| NCBI Accession #                 | NP_061823.2                                                     |
| NCBI GenBank Nucleotide #        | NM_018950.2                                                     |
| Molecular Weight                 | 50,438 Da                                                       |
| NCBI Official Full Name          | HLA class I histocompatibility antigen, alpha chain F isoform 2 |
| NCBI Official Synonym Full Names | major histocompatibility complex, class I, F                    |
| NCBI Official Symbol             | HLA-F                                                           |
| NCBI Official Synonym Symbols    | HLAF; CDA12; HLA-5.4; HLA-CDA12                                 |
| NCBI Protein Information         | HLA class I histocompatibility antigen, alpha chain F           |
| UniProt Protein Name             | HLA class I histocompatibility antigen, alpha chain F           |
| UniProt Gene Name                | HLA-F                                                           |
| UniProt Synonym Gene Names       | HLA-5.4; HLAF                                                   |
| UniProt Entry Name               | HLAF_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/hla-f-human-elisa-kits/hla-class-i-histocompatibility-antigen-alpha-chain-f/196167>