

## Human CD83 (Cluster Of Differentiation 83) ELISA Kit | CD83 elisa kit

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CATALOG #  
**AAA278372**

REACTIVITY  
**Human**

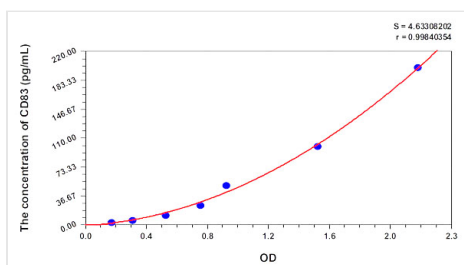
### PRODUCT SYNONYMS

CD83 (Cluster Of Differentiation 83); Human CD83 (Cluster Of Differentiation 83) ELISA Kit; BL11; HB15; Activated B Lymphocytes; Immunoglobulin; B-cell activation protein; Cell surface protein HB15; CD83 elisa kit

### PRODUCT SPECIFICATIONS

|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Reactivity      | Human                                                    |
| Assay Type      | Sandwich                                                 |
| Samples         | Serum, plasma, cell lysates and other biological fluids. |
| Detection Range | 78.13-5000pg/mL                                          |
| Sensitivity     | 18.3pg/mL                                                |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for CD83 elisa kit

**Test Principle:** The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human CD83. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CD83. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human CD83, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human CD83 in the samples is then determined by comparing the OD of the samples to the standard curve.

#### Product Categories/Family for CD83 elisa kit

[CD & Adhesion molecule](#); [Infection immunity](#); [Immune molecule](#); [Dermatology](#)

### NCBI AND UNIPROT INFORMATION

|             |          |
|-------------|----------|
| NCBI GI #   | 94421024 |
| NCBI GeneID | 9308     |

|                                  |                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Accession #                 | NP_001035370.1                                                                                                                                                           |
| NCBI GenBank Nucleotide #        | NM_001040280.1                                                                                                                                                           |
| UniProt Accession #              | Q01151; Q5THX9                                                                                                                                                           |
| Molecular Weight                 | 23,042 Da                                                                                                                                                                |
| NCBI Official Full Name          | CD83 antigen isoform b                                                                                                                                                   |
| NCBI Official Synonym Full Names | CD83 molecule                                                                                                                                                            |
| NCBI Official Symbol             | CD83                                                                                                                                                                     |
| NCBI Official Synonym Symbols    | BL11; HB15                                                                                                                                                               |
| NCBI Protein Information         | CD83 antigen; hCD83; B-cell activation protein; cell surface protein HB15; cell-surface glycoprotein; CD83 antigen (activated B lymphocytes, immunoglobulin superfamily) |
| UniProt Protein Name             | CD83 antigen                                                                                                                                                             |
| UniProt Gene Name                | <b>CD83</b>                                                                                                                                                              |
| UniProt Synonym Gene Names       | hCD83                                                                                                                                                                    |
| UniProt Entry Name               | CD83_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/cd83-cluster-of-differentiation-83/278372>