

## Human integrin, beta 8 ELISA Kit | ITGB8 elisa kit

Human Integrin beta-8, ITGB8 ELISA Kit

CATALOG #  
**AAA112640**

REACTIVITY  
**Human**

### PRODUCT SYNONYMS

integrin; beta 8; Human Integrin beta-8; ITGB8 ELISA Kit; Human Integrin beta-8 (ITGB8) ELISA kit; ITGB8 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                               |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of mouse Itgam/CD11b. No significant cross-reactivity or interference between mouse Itgam/CD11b and analogues was observed. |
| Sequence Length         | 769                                                                                                                                                                                                 |
| Samples                 | Serum, Plasma, Cell Culture Supernates, Tissue Homogenates                                                                                                                                          |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                               |
| Detection Range         | 15.6 pg/ml-1000 pg/ml                                                                                                                                                                               |
| Sensitivity             | 3.9 pg/ml.                                                                                                                                                                                          |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess                                                     |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.                                                             |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                                   |

### ADDITIONAL INFORMATION

#### Related Product Information for ITGB8 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Itgam/CD11b has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Itgam/CD11b present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Itgam/CD11b is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Itgam/CD11b bound in the initial step. The color development is stopped and the intensity of the color is measured.

### NCBI AND UNIPROT INFORMATION

|                           |                                |
|---------------------------|--------------------------------|
| NCBI GI #                 | <a href="#">4504779</a>        |
| NCBI GeneID               | <a href="#">3696</a>           |
| NCBI Accession #          | <a href="#">NP_002205.1</a>    |
| NCBI GenBank Nucleotide # | <a href="#">NM_002214.2</a>    |
| UniProt Accession #       | <a href="#">P26012; A4D133</a> |
| Molecular Weight          | 85,632 Da                      |

|                                  |                  |
|----------------------------------|------------------|
| NCBI Official Full Name          | integrin beta-8  |
| NCBI Official Synonym Full Names | integrin, beta 8 |
| NCBI Official Symbol             | ITGB8            |
| NCBI Protein Information         | integrin beta-8  |
| UniProt Protein Name             | Integrin beta-8  |
| UniProt Gene Name                | <b>ITGB8</b>     |
| UniProt Entry Name               | ITB8_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://www.aaabiotech.com/itgb8-human-elisa-kits/integrin-beta-8/112640>