

## Human Integrin beta-7, ITGB7 ELISA Kit | ITGB7 elisa kit

Human Integrin beta-7, ITGB7 ELISA Kit

CATALOG #  
**AAA123562**

REACTIVITY  
**Human**

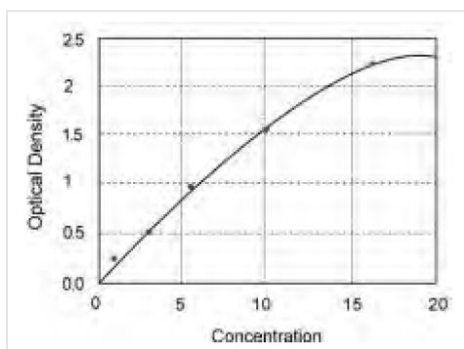
### PRODUCT SYNONYMS

Integrin beta-7; ITGB7; Human Integrin beta-7; ITGB7 ELISA Kit; ITGB7 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                            |
| Sequence Length         | 798                                                                                                                                                                                              |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Samples                 | Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids                                                                                                   |
| Detection Range         | 0.1-40ng/ml                                                                                                                                                                                      |
| Sensitivity             | 0.051ng/ml                                                                                                                                                                                       |
| 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 ITGB7 elisa kit | <p>Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human ITGB7 antibody. ITGB7 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human ITGB7 Antibody is added and binds to ITGB7 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ITGB7 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 ITGB7. 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 Integrin beta-7 (also known as ITGB7) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.</p> |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                         |
|----------------------------------|-------------------------|
| NCBI GI #                        | 4504777                 |
| NCBI GeneID                      | 3695                    |
| NCBI GenBank Nucleotide #        | NP_000880.1             |
| UniProt Accession #              | P26010                  |
| NCBI Official Full Name          | integrin beta-7         |
| NCBI Official Synonym Full Names | integrin subunit beta 7 |
| NCBI Official Symbol             | ITGB7                   |
| NCBI Protein Information         | integrin beta-7         |
| UniProt Protein Name             | Integrin beta-7         |
| UniProt Gene Name                | ITGB7                   |

**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.