

## Human S100-B ELISA Kit | S100-B elisa kit

Human Protein S100-B ELISA Kit

CATALOG #  
**AAA29746**

REACTIVITY  
**Human**

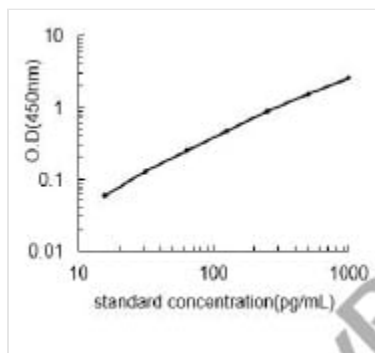
### PRODUCT SYNONYMS

S100-B; Human Protein S100-B ELISA Kit; Protein S100-B; S-100 protein beta chain; S-100 protein subunit beta; S100 calcium-binding protein B; S100B; S100-B elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                    |
| Specificity             | This assay recognizes recombinant and natural human PDIA4. No significant cross-reactivity or interference was observed. |
| Samples                 | Serum, plasma, tissue homogenates and cell culture supernates and other biological fluids                                |
| Detection Range         | 15.6 pg/ml - 1000 pg/ml                                                                                                  |
| Sensitivity             | less than 7.8 pg/ml                                                                                                      |
| Preparation and Storage | Store at 4 degree C                                                                                                      |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for S100-B elisa kit

**Intended Uses:** This immunoassay kit allows for the in vitro quantitative determination of human Protein S100-B concentrations in serum, plasma, tissue homogenates and cell culture supernates and other biological fluids.

**Principle of the Assay:** The microtiter plate provided in this kit has been pre-coated with an antibody specific to Protein S100-B. Standards or samples are then added to the appropriate microtiter plate wells with a biotinconjugated polyclonal antibody preparation specific for Protein S100-B and 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 Protein S100-B, biotin-conjugated antibody and enzymeconjugated 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 +/- 2 nm. The concentration of Protein S100-B in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 5454034                        |
| NCBI GeneID                      | 6285                           |
| NCBI Accession #                 | NP_006263.1                    |
| NCBI GenBank Nucleotide #        | NM_006272.2                    |
| UniProt Accession #              | P04271; D3DSN6                 |
| Molecular Weight                 | 10,713 Da                      |
| NCBI Official Full Name          | protein S100-B                 |
| NCBI Official Synonym Full Names | S100 calcium binding protein B |
| NCBI Official Symbol             | S100B                          |
| NCBI Official Synonym Symbols    | NEF; S100; S100-B; S100beta    |
| NCBI Protein Information         | protein S100-B                 |
| UniProt Protein Name             | Protein S100-B                 |
| UniProt Gene Name                | <b>S100B</b>                   |

**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/human-elisa-kits/s100-b/29746>