

## Mouse S100 calcium binding protein A4 ELISA Kit | S100A4 elisa kit

Mouse Protein S100-A4, S100A4 ELISA Kit

CATALOG #  
**AAA112943**

REACTIVITY  
**Mouse**

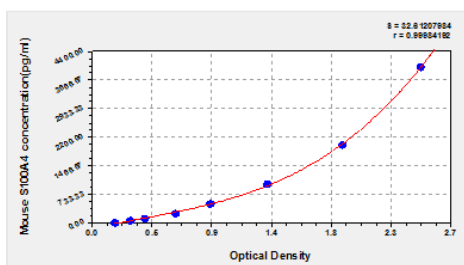
### PRODUCT SYNONYMS

S100 calcium binding protein A4; Mouse Protein S100-A4; S100A4 ELISA Kit; Mouse Protein S100-A4 (S100A4) ELISA kit; 18A2; 42A; CAPL; FSP1; MTS1; P9KA; PEL98; OTTHUMP00000015469; OTTHUMP00000032895; S100 calcium binding protein A4 (calcium protein; calvasculin; metastasin; murine placental homolog) ; S100 calcium-bind; S100A4 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                     |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of mouse S100A4. No significant cross-reactivity or interference between mouse S100A4 and analogues was observed. |
| Sequence Length         | 101                                                                                                                                                                                       |
| Samples                 | serum, plasma, cell culture supernates, tissue homogenates.                                                                                                                               |
| Assay Type              | Sandwich (Quantitative)                                                                                                                                                                   |
| Detection Range         | 62.5 pg/ml-4000 pg/ml.                                                                                                                                                                    |
| Sensitivity             | Typically less than 15.6 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.                                                         |

### IMAGES



### NCBI AND UNIPROT INFORMATION

|                  |             |
|------------------|-------------|
| NCBI GI #        | 33859624    |
| NCBI GeneID      | 20198       |
| NCBI Accession # | NP_035441.1 |

|                                  |                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GenBank Nucleotide #        | <a href="#">NM_011311.2</a>                                                                                                                           |
| UniProt Accession #              | <a href="#">P07091</a> ; <a href="#">P20066</a>                                                                                                       |
| Molecular Weight                 | 11,721 Da                                                                                                                                             |
| NCBI Official Full Name          | protein S100-A4                                                                                                                                       |
| NCBI Official Synonym Full Names | S100 calcium binding protein A4                                                                                                                       |
| NCBI Official Symbol             | S100a4                                                                                                                                                |
| NCBI Official Synonym Symbols    | 42a; 18A2; CapI; FSp1; Mts1; pk9a; PeL98; metastasin                                                                                                  |
| NCBI Protein Information         | protein S100-A4; calvasculin; protein 18A2; protein Mts1; metastatic cell protein; S100 calcium-binding protein A4; placental calcium-binding protein |
| UniProt Protein Name             | Protein S100-A4                                                                                                                                       |
| UniProt Gene Name                | <b>S100a4</b>                                                                                                                                         |
| UniProt Synonym Gene Names       | CapI; Mts1                                                                                                                                            |
| UniProt Entry Name               | S10A4_MOUSE                                                                                                                                           |

**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/s100a4-mouse-elisa-kits/s100-calcium-binding-protein-a4/112943>