

## Mouse Protein S100-A6, S100a6 ELISA Kit | S100a6 elisa kit

Mouse Protein S100-A6, S100a6 Primacu ELISA Kit

CATALOG #  
**AAA124136**

REACTIVITY  
**Mouse**

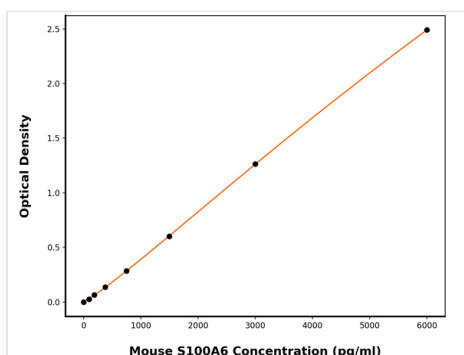
### PRODUCT SYNONYMS

Protein S100-A6; S100a6; Mouse Protein S100-A6; S100a6 Primacu ELISA Kit; S100A6; Cacy; S100a6 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                        |
|-------------------------|----------------------------------------|
| Reactivity              | Mouse                                  |
| Assay Type              | Sandwich                               |
| Samples                 | Serum, plasma, cell culture supernates |
| Detection Range         | 93.75-6000pg/mL                        |
| Sensitivity             | 20.16pg/mL                             |
| Standard Solution       | 60ng/mL                                |
| Assay Time              | 3.5h                                   |
| Preparation and Storage | Store at 2-8 degree C                  |

### IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

### ADDITIONAL INFORMATION

#### Related Product Information for S100a6 elisa kit

S100 protein is a family of low molecular weight protein found in vertebrates characterized by two EF-hand calcium-binding motifs. There are at least 21 different S100 proteins, and the name is derived from the fact that the protein is 100% soluble in ammonium sulfate at neutral pH. Most S100 proteins are disulfide-linked homodimer, and is normally present in cells derived from the neural crest, chondrocytes, macrophages, dendritic cells, etc. S100 proteins have been implicated in a variety of intracellular and extracellular functions. They are involved in regulation of protein phosphorylation, transcription factors, the dynamics of cytoskeleton constituents, enzyme activities, cell growth and differentiation, and the inflammatory response. S100A6 (S100 calcium-binding protein A6) is a member of the S100 family of proteins, and functions in prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of S100A6 have been implicated in melanoma.

Product Categories/Family for S100a6  
elisa kit

Primacu ELISA Kit; Cell biology; Epigenetics and nuclear signaling

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 6755392                                                                                                                         |
| NCBI GeneID                      | 20200                                                                                                                           |
| NCBI Accession #                 | NP_035443.1                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_011313.2                                                                                                                     |
| UniProt Accession #              | P14069                                                                                                                          |
| Molecular Weight                 | 10,051 Da                                                                                                                       |
| NCBI Official Full Name          | protein S100-A6                                                                                                                 |
| NCBI Official Synonym Full Names | S100 calcium binding protein A6 (calcyclin)                                                                                     |
| NCBI Official Symbol             | S100a6                                                                                                                          |
| NCBI Official Synonym Symbols    | 2A9; PRA; 5B10; Cacy; CALCYCLIN                                                                                                 |
| NCBI Protein Information         | protein S100-A6; S100 calcium-binding protein A6; calcium binding protein A6 (calcyclin); prolactin receptor-associated protein |
| UniProt Protein Name             | Protein S100-A6                                                                                                                 |
| UniProt Gene Name                | <b>S100a6</b>                                                                                                                   |
| UniProt Synonym Gene Names       | Cacy                                                                                                                            |
| UniProt Entry Name               | S10A6_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://stage.aaabiotech.com/mouse-elisa-kits/protein-s100-a6-s100a6/124136>