

Mouse S-100 ELISA Kit | S-100 elisa kit

Mouse S-100 (Soluble protein-100) ELISA Kit

CATALOG #
AAA165010

REACTIVITY
Mouse

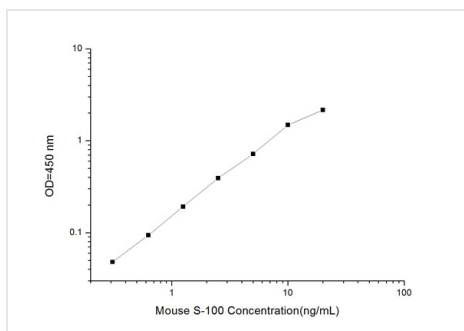
PRODUCT SYNONYMS

S-100; Mouse S-100 (Soluble protein-100) ELISA Kit; S-100 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant Mouse S-100. No significant cross-reactivity or interference between Mouse S-100 and analogues was observed.
Sequence Length	99
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S-100 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse S-100 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to S-100. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for S-100 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain S-100, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of S-100. You can calculate the concentration of S-100 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24637029
Molecular Weight	11,050 Da
NCBI Official Full Name	S-100 calcium-binding protein A1
UniProt Protein Name	Protein S100
UniProt Entry Name	Q8AYJ2_SQUAC

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/s-100/165010>