

Mouse Protein S100-A9 ELISA Kit | S100a9 elisa kit

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CATALOG #
AAA195456

REACTIVITY
Mouse

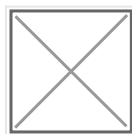
PRODUCT SYNONYMS

Protein S100-A9; Mouse Protein S100-A9 ELISA Kit; Calgranulin-B; Leukocyte L1 complex heavy chain; Migration inhibitory factor-related protein 14; MRP-14; p14; S100 calcium-binding protein A9; S100a9; Cagb; Mrp14; S100a9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	113
Assay Type	Sandwich
Detection Range	62.5-4000 pg/mL
Sensitivity	31.31 pg/mL
Intra-Assay CV	<=6.4%
Inter-Assay CV	<=8.6%
Recovery	95%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100a9 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, biotin-conjugated antibody and enzyme-conjugated 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

529367291

NCBI GeneID	20202
NCBI Accession #	NP_001268781.1
NCBI GenBank Nucleotide #	NM_001281852.1
UniProt Accession #	P31725
Molecular Weight	13,049 Da
NCBI Official Full Name	protein S100-A9
NCBI Official Synonym Full Names	S100 calcium binding protein A9 (calgranulin B)
NCBI Official Symbol	S100a9
NCBI Official Synonym Symbols	p14; Cagb; GAGB; L1Ag; BEE22; MRP14; 60B8Ag; AW546964
NCBI Protein Information	protein S100-A9
UniProt Protein Name	Protein S100-A9
UniProt Gene Name	S100a9
UniProt Synonym Gene Names	Cagb; Mrp14; MRP-14; p14
UniProt Entry Name	S10A9_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/s100a9-mouse-elisa-kits/protein-s100-a9/195456>