

Mouse S100 calcium binding protein A8 ELISA Kit | S100A8 elisa kit

Mouse S100 calcium binding protein A8, S100A8 ELISA Kit

CATALOG #
AAA112491

REACTIVITY
Mouse

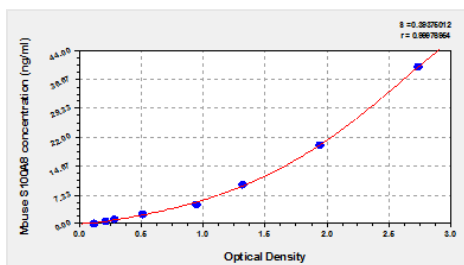
PRODUCT SYNONYMS

S100 calcium binding protein A8; Mouse S100 calcium binding protein A8; S100A8 ELISA Kit; Mouse S100 calcium binding protein A8 (S100A8) ELISA kit; 60B8AG; CAGA; CFAG; CGLA; CP-10; L1Ag; MA387; MIF; MRP8; NIF; P8; OTTHUMP00000015330; S100 calcium-binding protein A8; S100 calcium-binding protein A8 (calgranulin A) ; calgranulin A; cystic fibrosis ant; S100A8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse S100A8. No significant cross-reactivity or interference between Mouse S100A8 and analogues was observed.
Sequence Length	89
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	0.156 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Immunity
Protein Biological Process 2	chemokine
Protein Biological Process 3	Chemotaxis
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



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100A8 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for S100A8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any S100A8 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for S100A8 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of S100A8 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7305453
NCBI GeneID	20201
NCBI Accession #	NP_038678.1
NCBI GenBank Nucleotide #	NM_013650.2
UniProt Accession #	P27005; P31724
Molecular Weight	10,295 Da
NCBI Official Full Name	protein S100-A8
NCBI Official Synonym Full Names	S100 calcium binding protein A8 (calgranulin A)
NCBI Official Symbol	S100a8
NCBI Official Synonym Symbols	p8; B8Ag; CFAG; Caga; MRP8; CP-10; 60B8Ag; AI323541
NCBI Protein Information	protein S100-A8; MRP-8; calgranulin-A; chemotactic S100 protein; chemotactic cytokine CP-10; pro-inflammatory S100 cytokine; S100 calcium-binding protein A8; leukocyte L1 complex light chain; migration inhibitory factor-related protein 8
UniProt Protein Name	Protein S100-A8
UniProt Gene Name	S100a8
UniProt Synonym Gene Names	Caga; Mrp8; MRP-8; p8
UniProt Entry Name	S10A8_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/s100a8-mouse-elisa-kits/s100-calcium-binding-protein-a8/112491>