

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

Rat Protein S100-A8, S100A8 ELISA Kit

CATALOG #
AAA112682

REACTIVITY
Rat

PRODUCT SYNONYMS

S100 calcium binding protein A8; Rat Protein S100-A8; S100A8 ELISA Kit; Rat Protein S100-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	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat S100A8. No significant cross-reactivity or interference between rat S100A8 and analogues was observed.
Sequence Length	89
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	3.12 ng/ml-200 ng/ml
Sensitivity	< 0.78 ng/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.

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	281485600
NCBI GeneID	116547
NCBI Accession #	NP_446274.2
NCBI GenBank Nucleotide #	NM_053822.2
UniProt Accession #	P50115

Molecular Weight	10,239 Da
NCBI Official Full Name	protein S100-A8
NCBI Official Synonym Full Names	S100 calcium binding protein A8
NCBI Official Symbol	S100a8
NCBI Official Synonym Symbols	Mrp8
NCBI Protein Information	protein S100-A8; p8; MRP-8; calgranulin-A; migration inhibitory factor-related protein 8; S100 calcium binding protein A8 (calgranulin A); S100 calcium-binding protein A8 (calgranulin A)
UniProt Protein Name	Protein S100-A8
UniProt Gene Name	S100a8
UniProt Synonym Gene Names	Mrp8; MRP-8; p8
UniProt Entry Name	S10A8_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/s100a8-rat-elisa-kits/s100-calcium-binding-protein-a8/112682>