

Human S100 calcium-binding protein A8/A9 complex (S100A8/A9) Elisa kit | S100A8/A9 elisa kit

Human S100 calcium-binding protein A8/A9 complex, S100A8/A9 ELISA Kit

CATALOG # AAA15330	REACTIVITY Human
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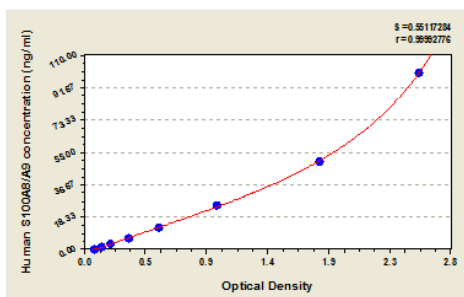
PRODUCT SYNONYMS

S100 calcium-binding protein A8/A9 complex (S100A8/A9) Elisa kit; Human S100 calcium-binding protein A8/A9 complex; S100A8/A9 ELISA Kit; Human S100 calcium-binding protein A8/A9 complex (S100A8/A9) Elisa kit; S100A8/A9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human S100A8/A9. No significant cross-reactivity or interference between human S100A8/A9 and analogues was observed.
Sequence Length	93
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	1.56 ng/ml-100 ng/ml
Sensitivity	< 0.39 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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100A8/A9 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for S100A8/A9 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any S100A8/A9 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for S100A8/A9 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/A9 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 #	47115285
UniProt Accession #	P05109; Q5SY70; Q9UC84; Q9UC92; Q9UCJ0; Q9UCM6; A8K5L3; D3DV37
Molecular Weight	10,835 Da
NCBI Official Full Name	S100A8, partial
UniProt Protein Name	Protein S100-A8
UniProt Gene Name	S100A8
UniProt Synonym Gene Names	CAGA; CFAG; MRP8; CFAG; MRP-8; p8
UniProt Entry Name	S10A8_HUMAN

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/human-elisa-kits/s100-calcium-binding-protein-a8-a9-complex-s100a8-a9-elisa-kit/15330>