

Human S100 calcium binding protein A9/calgranulin B ELISA Kit | S100A9 elisa kit

Human S100 calcium binding protein A9/calgranulin B (S100A9) ELISA Kit

CATALOG # AAA55837	REACTIVITY Human
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PRODUCT SYNONYMS

S100 calcium binding protein A9/calgranulin B; Human S100 calcium binding protein A9/calgranulin B (S100A9) ELISA Kit; 60B8AG; CAGB; CFAG; CGLB; L1AG; LIAG; MAC387; MIF; MRP14; NIF; P14; S100 calcium-binding protein A9|S100 calcium-binding protein A9 (calgranulin B)|calgranulin B; S100A9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human S100A9. No significant cross-reactivity or interference between Human S100A9 and analogues was observed.
Sequence Length	114
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for S100A9 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate S100A9 in samples. An antibody specific for S100A9 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any S100A9 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for S100A9 is added to the wells. After washing, Streptavidin 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 S100A9 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 #	4506773
NCBI GeneID	6280
NCBI Accession #	NP_002956.1
NCBI GenBank Nucleotide #	NM_002965.3
UniProt Accession #	P06702 ; Q6FGA1 ; Q9NYM0 ; Q9UCJ1 ; D3DV36

Molecular Weight	13,242 Da
NCBI Official Full Name	protein S100-A9
NCBI Official Synonym Full Names	S100 calcium binding protein A9
NCBI Official Symbol	S100A9
NCBI Official Synonym Symbols	MIF; NIF; P14; CAGB; CFAG; CGLB; L1AG; LIAG; MRP14; 60B8AG; MAC387
NCBI Protein Information	protein S100-A9
UniProt Protein Name	Protein S100-A9
UniProt Gene Name	S100A9
UniProt Synonym Gene Names	CAGB; CFAG; MRP14; MRP-14; p14

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://www.aaabiotech.com/s100a9-human-elisa-kits/s100-calcium-binding-protein-a9-calgranulin-b/55837>