

Rat Protein S100-A10 (S100A10) ELISA Kit | S100A10 elisa kit

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CATALOG #
AAA56041

REACTIVITY
Rat

PRODUCT SYNONYMS

Protein S100-A10 (S100A10); Rat Protein S100-A10 (S100A10) ELISA Kit; 42C; ANX2L; ANX2LG; CAL1L; CLP11; Ca[1]; GP11; MGC111133; P11; p10; OTTHUMP00000015270; S100 calcium binding protein A10 (annexin II ligand; calpactin I; light polypeptide (p11)); S100 calcium-binding; S100A10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat S100A10. No significant cross-reactivity or interference between Rat S100A10 and analogues was observed.
Sequence Length	97
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156 ng/mL - 10 ng/mL
Sensitivity	0.1 ng/mL (mean of 6 independent assays)
Detection Wavelength	450 nm
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
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for S100A10 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate S100A10 in Rat serum, plasma, tissue homogenates. An antibody specific for S100A10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any S100A10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for S100A10 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 S100A10 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Intended Uses: For the quantitative detection of Rat Protein S100-A10 (S100A10) concentration in serum, plasma, tissue homogenates and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126723603
NCBI GeneID	100008922
NCBI Accession #	NP_001075632.1
NCBI GenBank Nucleotide #	NM_001082163.1
UniProt Accession #	Q6SQH4
Molecular Weight	11,203 Da
NCBI Official Full Name	protein S100-A10
NCBI Official Symbol	S100A10
NCBI Protein Information	protein S100-A10
UniProt Protein Name	Protein S100-A10
UniProt Gene Name	S100a10

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/rat-elisa-kits/protein-s100-a10-s100a10/56041>