

Rabbit S100 Calcium Binding Protein A12 (S100A12) ELISA Kit | S100A12 elisa kit

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CATALOG #
AAA148556

REACTIVITY
Rabbit

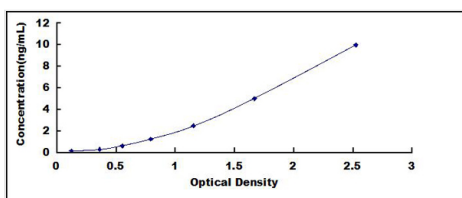
PRODUCT SYNONYMS

S100 Calcium Binding Protein A12 (S100A12); Rabbit S100 Calcium Binding Protein A12 (S100A12) ELISA Kit; CGRP; P6; CAAF1; CAGC; ENRAGE; MRP6; Calgranulin C; Calcium-binding protein in amniotic fluid 1; Extracellular newly identified RAGE-binding; Migration inhibitory factor-related 6; S100A12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of S100 Calcium Binding Protein A12 (S100A12). No significant cross-reactivity or interference between S100 Calcium Binding Protein A12 (S100A12) and analogues was observed.
Sequence Length	92
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.067ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level S100 Calcium Binding Protein A12 (S100A12) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level S100 Calcium Binding Protein A12 (S100A12) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100A12 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to S100 Calcium Binding Protein A12 (S100A12). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to S100 Calcium Binding Protein A12 (S100A12). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain S100 Calcium Binding Protein A12 (S100A12), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of S100 Calcium Binding Protein A12 (S100A12) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for S100A12 elisa kit	Signal transduction; Infection immunity; Immune molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	47124555
NCBI GeneID	6283
Molecular Weight	10,575 Da
NCBI Official Full Name	S100 calcium binding protein A12
NCBI Official Synonym Full Names	S100 calcium binding protein A12
NCBI Official Symbol	S100A12
NCBI Official Synonym Symbols	p6; CAGC; CGRP; MRP6; CAAF1; MRP-6; ENRAGE
NCBI Protein Information	protein S100-A12
UniProt Protein Name	Protein S100-A12
UniProt Gene Name	S100A12
UniProt Synonym Gene Names	CAAF1; CAGC; EN-RAGE; MRP-6; p6

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/rabbit-elisa-kits/s100-calcium-binding-protein-a12-s100a12/148556>