

Human S100 Calcium Binding Protein A12 (S100A12) RTU ELISA Kit | S100A12 rtu elisa kit

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CATALOG #
AAA218252

REACTIVITY
Human

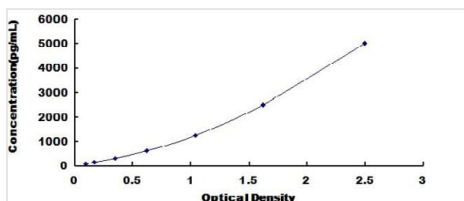
PRODUCT SYNONYMS

S100 Calcium Binding Protein A12 (S100A12); Human 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 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	92
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	78.1-5000pg/mL
Sensitivity	34pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100A12 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to S100A12. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 S100A12 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032059
NCBI GeneID	6283
NCBI Accession #	NP_005612.1
NCBI GenBank Nucleotide #	NM_005621.1
UniProt Accession #	P80511; P83219; Q5SY66; Q7M4R1
Molecular Weight	10,575 Da
NCBI Official Full Name	protein S100-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://www.aaabiotech.com/human-rtu-elisa-kits/s100-calcium-binding-protein-a12-s100a12/218252>