

Mouse S100A12 ELISA Kit | S100A12 elisa kit

Mouse S100A12 (S100 Calcium Binding Protein A12) ELISA Kit

CATALOG #
AAA165817

REACTIVITY
Mouse

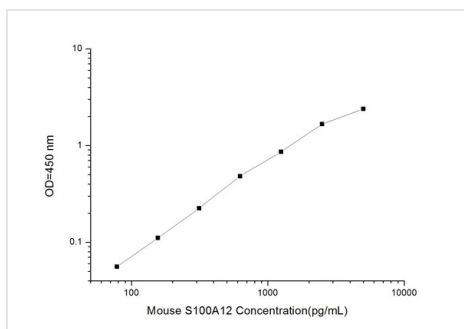
PRODUCT SYNONYMS

S100A12; Mouse S100A12 (S100 Calcium Binding Protein A12) ELISA Kit; S100A12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant Mouse S100A12. No significant cross-reactivity or interference between Mouse S100A12 and analogues was observed.
Sequence Length	92
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	Min: 46.875pg/mL; Max: 5000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100A12 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of MouseS100A12concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to S100A12. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for S100A12and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain S100A12, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of S100A12.You can calculate the concentration of S100A12in the samples by comparing the OD of the samples to the standard curve.
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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; EN-RAGE; S100 calcium-binding protein A12 (calgranulin C); calcitermin; calcium-binding protein in amniotic fluid 1; calgranulin-C; extracellular newly identified RAGE-binding protein; migration inhibitory factor-related protein 6; neutrophil S100 protein
UniProt Protein Name	Protein S100-A12
UniProt Gene Name	S100A12
UniProt Synonym Gene Names	CAAF1; CAGC; EN-RAGE; MRP-6; p6
UniProt Entry Name	S10AC_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.