

Human S100 calcium binding protein A12 ELISA Kit | S100A12 elisa kit

Human S100 calcium binding protein A12/Calgranulin-C, S100A12 ELISA Kit

CATALOG #
AAA15331

REACTIVITY
Human

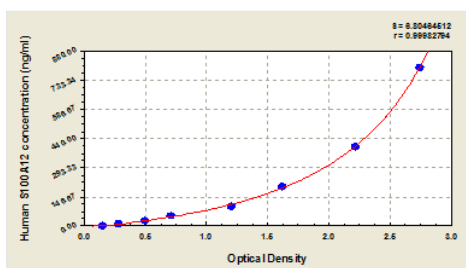
PRODUCT SYNONYMS

S100 calcium binding protein A12; Human S100 calcium binding protein A12/Calgranulin-C; S100A12 ELISA Kit; Human S100 calcium binding protein A12/Calgranulin-C (S100A12) ELISA Kit; CAAF1; CAGC; CGRP; ENRAGE; MRP6; p6; S100 calcium-binding protein A12; S100 calcium-binding protein A12 (calgranulin C) ; calgranulin C; S100A12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of canine S100A12. No significant cross-reactivity or interference between canine S100A12 and analogues was observed.
Sequence Length	92
Samples	Serum, Plasma, Cell Culture Supernates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	0.156 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100A12 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for S100A12 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any S100A12 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for S100A12 is added to the wells. After washing, avidin 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 S100A12 bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	---

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; EN-RAGE; calgranulin C; calgranulin-C; neutrophil S100 protein; calcium-binding protein in amniotic fluid 1; migration inhibitory factor-related protein 6; S100 calcium-binding protein A12 (calgranulin C); extracellular newly identified RAGE-binding 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/s100a12-human-elisa-kits/s100-calcium-binding-protein-a12/15331>