

Human S100A12 (S100 Calcium Binding Protein A12) CLIA Kit | S100A12 clia kit

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CATALOG #
AAA171092

REACTIVITY
Human

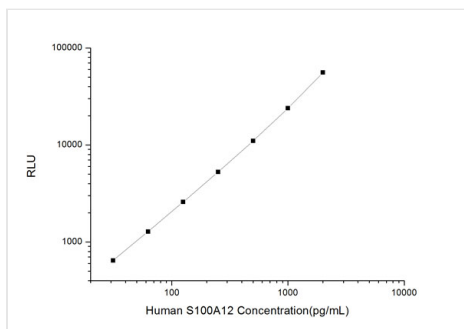
PRODUCT SYNONYMS

S100A12 (S100 Calcium Binding Protein A12); Human S100A12 (S100 Calcium Binding Protein A12) CLIA Kit; CAAF1; CAGC; CGRP; ENRAGE; MRP-6; MRP6; p6; Calgranulin C; S100A12 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant S100A12. No significant cross-reactivity or interference between S100A12 and analogues was observed.
Sequence Length	92
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100A12 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of S100A12 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to S100A12. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for S100A12 and 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 fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of S100A12. You can calculate the concentration of S100A12 in the samples by comparing the RLU value of the samples to the standard curve.

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
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.

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Online datasheet: <https://stage.aaabiotech.com/human-clia-kits/s100a12-s100-calcium-binding-protein-a12/171092>