

Human calumenin, CALU ELISA Kit | CALU elisa kit

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CATALOG #
AAA41725

REACTIVITY
Human

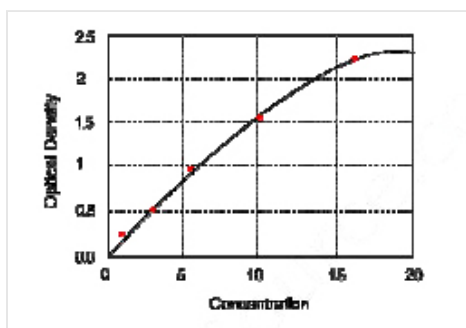
PRODUCT SYNONYMS

calumenin; CALU; Human calumenin; CALU ELISA Kit; CALU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	315
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml-15ng/ml
Sensitivity	0.02ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CALU elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Calponin-1 (also known as CNN1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human CNN1 antibody. CNN1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CNN1 Antibody is added and binds to CNN1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CNN1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human CNN1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2809324
NCBI GeneID	813
UniProt Accession #	O43852; B3KPG9; D6QS48; D6QS49; D6QS50; D6QS51; D6QS52; D6QS53; D6QS54; D6QS55; D6QS56; D6QS57
Molecular Weight	37,135 Da
NCBI Official Full Name	calumenin
NCBI Official Synonym Full Names	calumenin
NCBI Official Symbol	CALU
NCBI Protein Information	calumenin
UniProt Protein Name	Calumenin
UniProt Gene Name	CALU

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-elisa-kits/calumenin-cal/41725>