

Human Sestrin 2 (SESN2) ELISA Kit | SESN2 elisa kit

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CATALOG #
AAA43825

REACTIVITY
Human

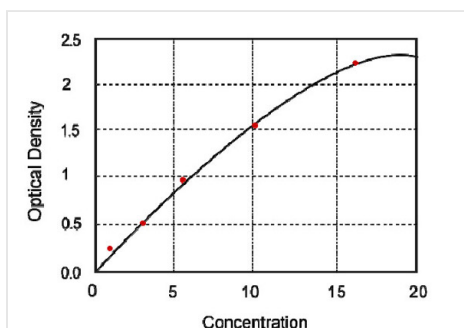
PRODUCT SYNONYMS

Sestrin 2 (SESN2); Human Sestrin 2 (SESN2) ELISA Kit; SESN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	480
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.05-15ng/ml
Sensitivity	0.01ng/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 SESN2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Sestrin 2 (also known as SESN2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human SESN2 antibody. SESN2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human SESN2 Antibody is added and binds to SESN2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SESN2 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 SESN2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21707433
NCBI GeneID	83667
Molecular Weight	54,494 Da
NCBI Official Full Name	Sestrin 2
NCBI Official Synonym Full Names	sestrin 2
NCBI Official Symbol	SESN2
NCBI Official Synonym Symbols	HI95; SES2; SEST2
NCBI Protein Information	sestrin-2
UniProt Protein Name	Sestrin-2
UniProt Gene Name	SESN2

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/sestrin-2-sesn2/43825>