

Human Sestrin 3 (SESN3) ELISA Kit | SESN3 elisa kit

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CATALOG #
AAA68688

REACTIVITY
Human

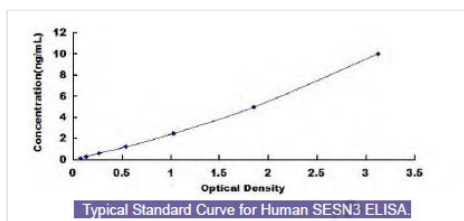
PRODUCT SYNONYMS

Sestrin 3 (SESN3); Human Sestrin 3 (SESN3) ELISA Kit; SEST3; SESN3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SESN3. No significant cross-reactivity or interference between SESN3 and analogues was observed.
Sequence Length	353
Samples	Tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	<0.056ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SESN3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SESN3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SESN3 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of SESN3 in human tissue homogenates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SESN3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SESN3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SESN3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of SESN3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	409971404
NCBI GeneID	143686
NCBI Accession #	NP_001258523.1
NCBI GenBank Nucleotide #	NM_001271594.1
UniProt Accession #	P58005; Q96AD1; B7Z7P9
Molecular Weight	41,522 Da
NCBI Official Full Name	sestrin-3 isoform 2
NCBI Official Synonym Full Names	sestrin 3
NCBI Official Symbol	SESN3
NCBI Official Synonym Symbols	SEST3
NCBI Protein Information	sestrin-3
UniProt Protein Name	Sestrin-3
UniProt Gene Name	SESN3

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/human-elisa-kits/sestrin-3-sesn3/68688>