

Human Sestrin 1 (SESN1) ELISA Kit | SESN1 elisa kit

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CATALOG #
AAA68686

REACTIVITY
Human

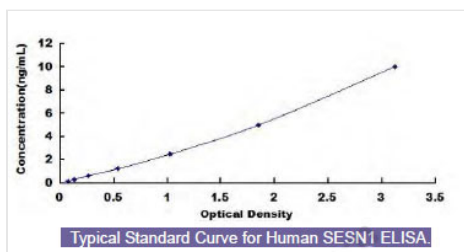
PRODUCT SYNONYMS

Sestrin 1 (SESN1); Human Sestrin 1 (SESN1) ELISA Kit; SEST1; PA26; p53-regulated protein PA26; SESN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SESN1. No significant cross-reactivity or interference between SESN1 and analogues was observed.
Sequence Length	492
Samples	Tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	<0.064ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SESN1 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 SESN1 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 SESN1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of SESN1 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 SESN1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SESN1. 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 SESN1, 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 SESN1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	315709500
NCBI GeneID	27244
NCBI Accession #	NP_001186862.1
NCBI GenBank Nucleotide #	NM_001199933.1
UniProt Accession #	Q9Y6P5; Q2M2B7; Q5T316; Q9NV00; Q9UPD5; Q9Y6P6
Molecular Weight	49,624 Da
NCBI Official Full Name	sestrin-1 isoform 2
NCBI Official Synonym Full Names	sestrin 1
NCBI Official Symbol	SESN1
NCBI Official Synonym Symbols	PA26; SEST1
NCBI Protein Information	sestrin-1
UniProt Protein Name	Sestrin-1
UniProt Gene Name	SESN1

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.