

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

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CATALOG #
AAA190367

REACTIVITY
Human

PRODUCT SYNONYMS

Sestrin-2 (SESN2); Human Sestrin-2 (SESN2) ELISA Kit; DKFZp761M0212; DKFZp761M02121; HI95; SES2; SEST2; hypoxia induced gene 95; SESN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human SESN2. No significant cross-reactivity or interference between Human SESN2 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156 ng/mL - 10 ng/mL
Sensitivity	0.1 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C. Please refer to Instruction Manual.

ADDITIONAL INFORMATION

Related Product Information for SESN2 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate SESN2 in Human serum, plasma, tissue homogenates. An antibody specific for SESN2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SESN2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SESN2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SESN2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Human Sestrin-2 (SESN2) concentration in serum, plasma, tissue homogenates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66792736
NCBI GeneID	509863
NCBI Accession #	NP_001019678.1
NCBI GenBank Nucleotide #	NM_001024507.1
UniProt Accession #	Q58CN8; Q08E69

Molecular Weight	56,595 Da
NCBI Official Full Name	sestrin-2
NCBI Official Synonym Full Names	sestrin 2
NCBI Official Symbol	SESN2
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://www.aaabiotech.com/human-elisa-kits/sestrin-2-sesn2/190367>