

Human septin 2 ELISA Kit | SEPT2 elisa kit

Human Septin-2, SEPT2 ELISA Kit

CATALOG #
AAA18258

REACTIVITY
Human

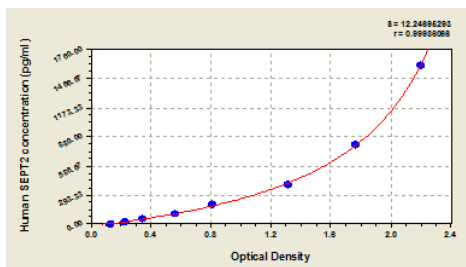
PRODUCT SYNONYMS

septin 2; Human Septin-2; SEPT2 ELISA Kit; Human Septin-2 (SEPT2) ELISA kit; DIFF6; KIAA0158; NEDD5; Pnutl3; hNedd5; OTTHUMP00000200251; neural precursor cell expressed; developmentally down-regulated 5; SEPT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human sEPCR. No significant cross-reactivity or interference between human sEPCR and analogues was observed.
Sequence Length	361
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	7.8 ng/ml-500 ng/ml
Sensitivity	1.95 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEPT2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for sEPCR has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any sEPCR present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for sEPCR is added to the wells. After washing, avidin 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 sEPCR bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56549636
NCBI GeneID	4735
NCBI Accession #	NP_001008491.1
NCBI GenBank Nucleotide #	NM_001008491.2
UniProt Accession #	Q15019; Q14132; Q53QU3; Q8IUUK9; Q96CB0; B4DGE8
Molecular Weight	41,487 Da
NCBI Official Full Name	septin-2 isoform a
NCBI Official Synonym Full Names	septin 2
NCBI Official Symbol	SEPT2
NCBI Official Synonym Symbols	DIFF6; NEDD5; NEDD-5; Pnutl3; hNedd5
NCBI Protein Information	septin-2; neural precursor cell expressed, developmentally down-regulated 5; neural precursor cell expressed developmentally down-regulated protein 5
UniProt Protein Name	Septin-2
UniProt Gene Name	SEPT2
UniProt Synonym Gene Names	DIFF6; KIAA0158; NEDD5; NEDD-5
UniProt Entry Name	SEPT2_HUMAN

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/septin-2/18258>