

Human Putative methyltransferase NSUN7 ELISA Kit | NSUN7 elisa kit

Human Putative methyltransferase NSUN7 (NSUN7) ELISA Kit

CATALOG # AAA55422	REACTIVITY Human
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PRODUCT SYNONYMS

Putative methyltransferase NSUN7; Human Putative methyltransferase NSUN7 (NSUN7) ELISA Kit; NSUN7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human NSUN7. No significant cross-reactivity or interference between Human NSUN7 and analogues was observed.
Sequence Length	718
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	62.5 pg/mL - 4000 pg/mL
Sensitivity	20.8 pg/mL
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.

ADDITIONAL INFORMATION

Related Product Information for NSUN7 elisa kit	Intended Uses: For the quantitative detection of Human Putative methyltransferase NSUN7 (NSUN7) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate NSUN7 in Human serum, plasma. An antibody specific for NSUN7 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NSUN7 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NSUN7 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 NSUN7 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 #	1060604631
NCBI GeneID	79730
NCBI Accession #	NP_001317577.1
NCBI GenBank Nucleotide #	NM_001330648.2
UniProt Accession #	Q8NE18; Q8N9K8; Q9H815; C9JI19

Molecular Weight	31,642 Da
NCBI Official Full Name	putative methyltransferase NSUN7 isoform 2
NCBI Official Synonym Full Names	NOP2/Sun RNA methyltransferase family member 7
NCBI Official Symbol	NSUN7
NCBI Protein Information	putative methyltransferase NSUN7
UniProt Protein Name	Putative methyltransferase NSUN7
UniProt Gene Name	NSUN7

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/putative-methyltransferase-nsun7/55422>