

Human Probable ATP-dependent RNA helicase DDX53 ELISA Kit | DDX53 elisa kit

Human Probable ATP-dependent RNA helicase DDX53 (DDX53) ELISA Kit

CATALOG # AAA55491	REACTIVITY Human
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PRODUCT SYNONYMS

Probable ATP-dependent RNA helicase DDX53; Human Probable ATP-dependent RNA helicase DDX53 (DDX53) ELISA Kit; DDX53 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human SLC26A5. No significant cross-reactivity or interference between Human SLC26A5 and analogues was observed.
Sequence Length	631
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	15.6 pg/mL-1000 pg/mL
Sensitivity	7.8 pg/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.

ADDITIONAL INFORMATION

Related Product Information for DDX53 elisa kit	Intended Uses: For the quantitative detection of Human Prestin (SLC26A5) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate SLC26A5 in Human serum, plasma. An antibody specific for SLC26A5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SLC26A5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SLC26A5 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 SLC26A5 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 #	55749865
NCBI GeneID	168400
NCBI Accession #	NP_874358.2
NCBI GenBank Nucleotide #	NM_182699.3

UniProt Accession #	Q86TM3 ; Q0D2N2 ; Q6NVV4
Molecular Weight	71,154 Da
NCBI Official Full Name	DEAD box protein 53
NCBI Official Synonym Full Names	DEAD-box helicase 53
NCBI Official Symbol	DDX53
NCBI Official Synonym Symbols	CAGE; CT26
NCBI Protein Information	DEAD box protein 53
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX53
UniProt Gene Name	DDX53
UniProt Synonym Gene Names	CAGE; CT26

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/probable-atp-dependent-rna-helicase-ddx53/55491>