

Human Deoxyribonuclease I Like Protein 3 (DNASE1L3) RTU ELISA Kit | DNASE1L3 rtu elisa kit

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CATALOG #
AAA219654

REACTIVITY
Human

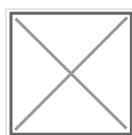
PRODUCT SYNONYMS

Deoxyribonuclease I Like Protein 3 (DNASE1L3); Human Deoxyribonuclease I Like Protein 3 (DNASE1L3) ELISA Kit; Liver and spleen DNase(LS-DNase; LSD); DNase I homolog protein DHP2; Deoxyribonuclease I-like 3(DNase I-like 3); DNASE1L3 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DNASE1L3. No significant cross-reactivity or interference between DNASE1L3 and analogues was observed.
Sequence Length	275
Samples	Human Serum, Plasma, Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.065ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DNASE1L3 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 DNASE1L3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Stable for 12 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DNASE1L3 rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of DNASE1L3 in human serum, plasma, 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 DNASE1L3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DNASE1L3. 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 DNASE1L3, 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 DNASE1L3 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 #	375151549
NCBI GeneID	1776
NCBI Accession #	NP_001243489.1
NCBI GenBank Nucleotide #	NM_001256560.1
UniProt Accession #	Q13609; O75803; B2R8B1; B7Z707
Molecular Weight	31,860 Da
NCBI Official Full Name	deoxyribonuclease gamma isoform 2
NCBI Official Synonym Full Names	deoxyribonuclease 1 like 3
NCBI Official Symbol	DNASE1L3
NCBI Official Synonym Symbols	LSD; DHP2; SLEB16; DNAS1L3
NCBI Protein Information	deoxyribonuclease gamma
UniProt Protein Name	Deoxyribonuclease gamma
UniProt Gene Name	DNASE1L3
UniProt Synonym Gene Names	DNase gamma; DNase I-like 3; LS-DNase; LSD

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-rtu-elisa-kits/deoxyribonuclease-i-like-protein-3-dnase1l3/219654>