

Human Deoxyribonuclease X (DNASEX) ELISA Kit | DNASEX elisa kit

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CATALOG #
AAA68021

REACTIVITY
Human

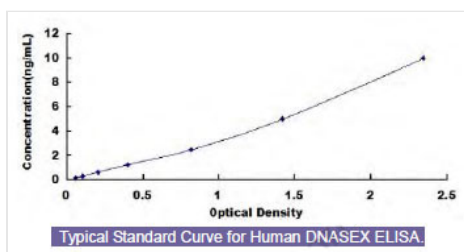
PRODUCT SYNONYMS

Deoxyribonuclease X (DNASEX); Human Deoxyribonuclease X (DNASEX) ELISA Kit; DNASEX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DNASEX. No significant cross-reactivity or interference between DNASEX and analogues was observed.
Sequence Length	302
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DNASEX 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 DNASEX were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DNASEX elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of DNASEX in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DNASEX. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DNASEX. 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 DNASEX, 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 DNASEX 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 #	58430942
NCBI GeneID	1774
NCBI Accession #	NP_001009932.1
NCBI GenBank Nucleotide #	NM_001009932.2
UniProt Accession #	P49184; Q5HY41; D3DWW7
Molecular Weight	33,893 Da
NCBI Official Full Name	deoxyribonuclease-1-like 1
NCBI Official Synonym Full Names	deoxyribonuclease 1 like 1
NCBI Official Symbol	DNASE1L1
NCBI Official Synonym Symbols	XIB; G4.8; DNL1L; DNASEX; DNAS1L1
NCBI Protein Information	deoxyribonuclease-1-like 1
UniProt Protein Name	Deoxyribonuclease-1-like 1
UniProt Gene Name	DNASE1L1
UniProt Synonym Gene Names	DNAS1L1; DNL1L; DNase I-like 1

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/deoxyribonuclease-x-dnasex/68021>