

Human DNASE1 (Deoxyribonuclease I) ELISA Kit | DNASE1 elisa kit

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CATALOG #
AAA278168

REACTIVITY
Human

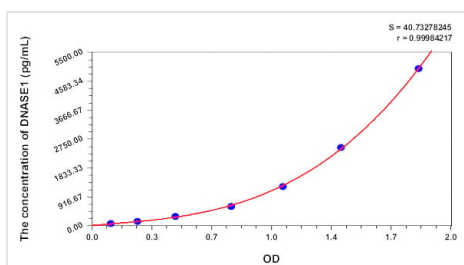
PRODUCT SYNONYMS

DNASE1 (Deoxyribonuclease I); Human DNASE1 (Deoxyribonuclease I) ELISA Kit; DNaseI; DNL1; DRNI; DNase-I; Dornase alfa; DNASE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, urine, saliva, seminal plasma and other biological fluids
Detection Range	0.32-20ng/mL
Sensitivity	0.098ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DNASE1 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human DNASE1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human DNASE1. 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 Human DNASE1, 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 Human DNASE1 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for DNASE1 elisa kit

Enzyme & Kinase; Developmental science

NCBI AND UNIPROT INFORMATION

NCBI GI #	118919
NCBI GeneID	1773
UniProt Accession #	P24855; Q14UU9; Q14UV0; B4DV35

Molecular Weight	Calculated: 19kDa/31kDa Observed: 37kDa
NCBI Official Full Name	Deoxyribonuclease-1
NCBI Official Synonym Full Names	deoxyribonuclease I
NCBI Official Symbol	DNASE1
NCBI Official Synonym Symbols	DNL1; DRNI
NCBI Protein Information	deoxyribonuclease-1; Dornase alfa; DNase I, lysosomal; human urine deoxyribonuclease I
UniProt Protein Name	Deoxyribonuclease-1
UniProt Gene Name	DNASE1
UniProt Synonym Gene Names	DNL1; DRNI; DNase I
UniProt Entry Name	DNAS1_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/dnase1-deoxyribonuclease-i/278168>