

Human Deoxyribonuclease-2-alpha, DNASE2A ELISA Kit | DNASE2A elisa kit

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CATALOG #
AAA41552

REACTIVITY
Human

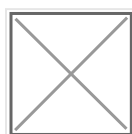
PRODUCT SYNONYMS

Deoxyribonuclease-2-alpha; DNASE2A; Human Deoxyribonuclease-2-alpha; DNASE2A ELISA Kit; DNASE2A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	360
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml-200ng/ml
Sensitivity	0.27ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested 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 separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DNASE2A elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Deoxypyridinoline (also known as DPD) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human DPD antibody. DPD present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human DPD Antibody is added and binds to DPD in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated DPD antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human DPD. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503349
NCBI GeneID	1777

NCBI Accession #	NP_001366.1
NCBI GenBank Nucleotide #	NM_001375.2
UniProt Accession #	O00115 ; O43910 ; B2RD06 ; B7Z4K6
Molecular Weight	33,615 Da
NCBI Official Full Name	deoxyribonuclease-2-alpha
NCBI Official Synonym Full Names	deoxyribonuclease 2, lysosomal
NCBI Official Symbol	DNASE2
NCBI Official Synonym Symbols	DNL; DNL2; DNASE2A
NCBI Protein Information	deoxyribonuclease-2-alpha
UniProt Protein Name	Deoxyribonuclease-2-alpha
UniProt Gene Name	DNASE2
UniProt Synonym Gene Names	DNASE2A; DNL2; DNase II alpha

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-2-alpha-dnase2a/41552>