

Human DNASE2 (Deoxyribonuclease-2-alpha) ELISA Kit | DNASE2 elisa kit

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CATALOG #
AAA249339

REACTIVITY
Human

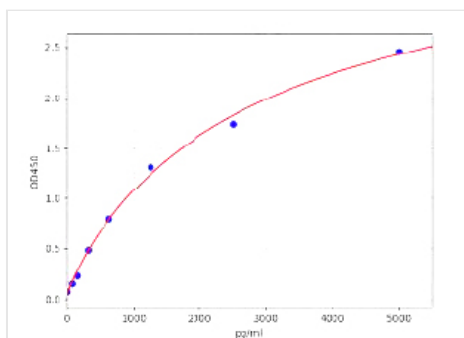
PRODUCT SYNONYMS

DNASE2 (Deoxyribonuclease-2-alpha); Human DNASE2 (Deoxyribonuclease-2-alpha) ELISA Kit; Acid DNase; Deoxyribonuclease 2 alpha; Deoxyribonuclease II alpha; DNase II alpha; DNASE2; DNASE2A; DNL; DNL2; Lysosomal DNase II; DNASE2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DNASE2. No significant cross-reactivity or interference between DNASE2 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DNASE2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2921838
NCBI GeneID	1777
UniProt Accession #	O00115; O43910; B2RD06; B7Z4K6
Molecular Weight	Aprox: 40 kDa
NCBI Official Full Name	Homo sapiens deoxyribonuclease II alpha mRNA, complete cds
NCBI Official Synonym Full Names	deoxyribonuclease II, lysosomal
NCBI Official Symbol	DNASE2
NCBI Official Synonym Symbols	DNL; DNL2; DNASE2A
NCBI Protein Information	deoxyribonuclease-2-alpha; R31240_2; acid DNase; DNase II alpha; lysosomal DNase II; DNase II, lysosomal; deoxyribonuclease II alpha
UniProt Protein Name	Deoxyribonuclease-2-alpha
UniProt Gene Name	DNASE2
UniProt Synonym Gene Names	DNASE2A; DNL2; DNase II alpha
UniProt Entry Name	DNS2A_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.