

Mouse Deoxyribonuclease gamma ELISA Kit | Dnase1l3 elisa kit

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CATALOG #
AAA100971

REACTIVITY
Mouse

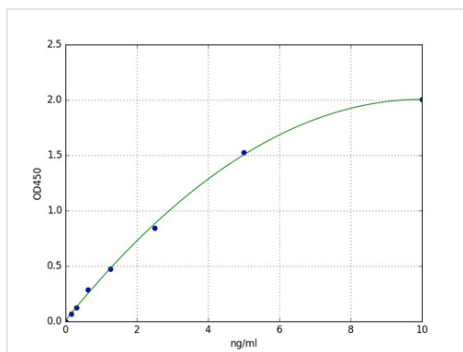
PRODUCT SYNONYMS

Deoxyribonuclease gamma; Mouse Deoxyribonuclease gamma ELISA Kit; Dnase1l3/Deoxyribonuclease gamma/DNase gamma/Liver and spleen Dnase/LS-DNase/LSD/DNase I homolog protein DHP2/Deoxyribonuclease I-like 3/DNase I-like 3; Dnase1l3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	275
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
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



Typical Data & Standard Curve
Results of a typical standard run of a Mouse Dnase1l3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.068	0.144	0.234	0.360	0.696	1.023	1.592	1.810

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Dnase1l3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Dnase1l3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Dnase1l3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Mouse Dnase1l3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Dnase1l3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	375151549
NCBI GeneID	1776
NCBI Accession #	NP_001243489.1
NCBI GenBank Nucleotide #	NM_001256560.1
Molecular Weight	31,860 Da
NCBI Official Full Name	deoxyribonuclease gamma isoform 2
NCBI Official Synonym Full Names	deoxyribonuclease I-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	DHP2; DNAS1L3; DNase gamma; DNase I-like 3; LS-DNase; LSD
UniProt Entry Name	DNSL3_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/dnase1l3-mouse-elisa-kits/deoxyribonuclease-gamma/100971>