

Mouse Endonuclease 8-like 3 ELISA Kit | Neil3 elisa kit

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CATALOG #
AAA98449

REACTIVITY
Mouse

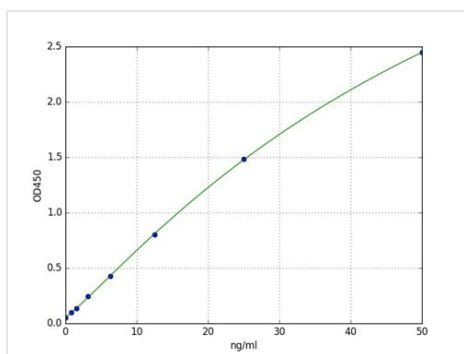
PRODUCT SYNONYMS

Endonuclease 8-like 3; Mouse Endonuclease 8-like 3 ELISA Kit; Neil3/Endonuclease 8-like 3/Nei-like protein 3/Endonuclease VIII-like 3/DNA glycosylase FPG2/DNA glycosylase/AP lyase Neil3; Neil3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	605
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/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



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Neil3 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	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.047	0.093	0.130	0.253	0.486	0.817	1.801	2.314

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Neil3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Neil3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Neil3 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 Neil3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Neil3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157388969
NCBI GeneID	55247
NCBI Accession #	NP_060718.2
NCBI GenBank Nucleotide #	NM_018248.2
Molecular Weight	67,769 Da
NCBI Official Full Name	endonuclease 8-like 3
NCBI Official Synonym Full Names	nei like DNA glycosylase 3
NCBI Official Symbol	NEIL3
NCBI Official Synonym Symbols	FGP2; FPG2; NEI3; ZGRF3; hFPG2; hNEI3
NCBI Protein Information	endonuclease 8-like 3
UniProt Protein Name	Endonuclease 8-like 3
UniProt Gene Name	NEIL3
UniProt Entry Name	NEIL3_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/neil3-mouse-elisa-kits/endonuclease-8-like-3/98449>