

Mouse N-glycosylase/DNA lyase ELISA Kit | Ogg1 elisa kit

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CATALOG #
AAA57407

REACTIVITY
Mouse

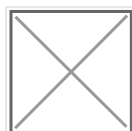
PRODUCT SYNONYMS

N-glycosylase/DNA lyase; Mouse N-glycosylase/DNA lyase ELISA Kit; Ogg1; Ogg1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse N-glycosylase/DNA lyase. No significant cross-reactivity or interference was observed.
Sequence Length	345
Assay Type	Sandwich
Detection Range	78-5000 pg/mL
Sensitivity	39.02 pg/mL
Intra-Assay CV	<=6.8%
Inter-Assay CV	<=8.7%
Recovery	85%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ogg1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse N-glycosylase/DNA lyase concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to N-glycosylase/DNA lyase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for N-glycosylase/DNA lyase and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain N-glycosylase/DNA lyase, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of N-glycosylase/DNA lyase in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	187960092
NCBI GeneID	18294
NCBI Accession #	NP_035087.3
NCBI GenBank Nucleotide #	NM_010957.4
UniProt Accession #	O08760; O08733; O08910; O08991; O35617; O35915; Q9QXE8
Molecular Weight	38,883 Da
NCBI Official Full Name	N-glycosylase/DNA lyase
NCBI Official Synonym Full Names	8-oxoguanine DNA-glycosylase 1
NCBI Official Symbol	Ogg1
NCBI Official Synonym Symbols	Mmh
NCBI Protein Information	N-glycosylase/DNA lyase
UniProt Protein Name	N-glycosylase/DNA lyase
UniProt Gene Name	Ogg1
UniProt Synonym Gene Names	AP lyase
UniProt Entry Name	OGG1_MOUSE

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/ogg1-mouse-elisa-kits/n-glycosylase-dna-lyase/57407>