

Human N-glycosylase/DNA lyase ELISA Kit | OGG1 elisa kit

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CATALOG #
AAA193276

REACTIVITY
Human

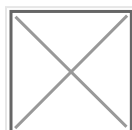
PRODUCT SYNONYMS

N-glycosylase/DNA lyase; Human N-glycosylase/DNA lyase ELISA Kit; OGG1; MMH; MUTM; OGH1; OGG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	345
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.45ng/mL
Intra-Assay CV	<=6.5%
Inter-Assay CV	<=9.7%
Recovery	105%
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 target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 $\pm$ 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505495
NCBI GeneID	4968

NCBI Accession #	NP_002533.1
NCBI GenBank Nucleotide #	NM_002542.5
UniProt Accession #	O15527; O00390; O00670; O00705; O14876; O95488; P78554; Q9BW42; Q9UIK0; Q9UIK1; Q9UIK2; A8K1E3
Molecular Weight	36,085 Da
NCBI Official Full Name	N-glycosylase/DNA lyase isoform 1a
NCBI Official Synonym Full Names	8-oxoguanine DNA glycosylase
NCBI Official Symbol	OGG1
NCBI Official Synonym Symbols	HMMH; MUTM; OGH1; HOGG1
NCBI Protein Information	N-glycosylase/DNA lyase
UniProt Protein Name	N-glycosylase/DNA lyase
UniProt Gene Name	OGG1
UniProt Synonym Gene Names	MMH; MUTM; OGH1; AP lyase
UniProt Entry Name	OGG1_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/ogg1-human-elisa-kits/n-glycosylase-dna-lyase/193276>