

Human Oxoguanine Glycosylase 1 (OGG1) RTU ELISA Kit | OGG1 rtu elisa kit

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CATALOG #
AAA217550

REACTIVITY
Human

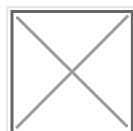
PRODUCT SYNONYMS

Oxoguanine Glycosylase 1 (OGG1); Human Oxoguanine Glycosylase 1 (OGG1) ELISA Kit; HMMH; HOGG1; MUTM; OGH1; 8-Oxoguanine DNA Glycosylase; DNA-(apurinic or apyrimidinic site) lyase; N-glycosylase/DNA lyase; OGG1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	345
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.063ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OGG1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to OGG1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to OGG1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain OGG1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of OGG1 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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-rtu-elisa-kits/oxoguanine-glycosylase-1-ogg1/217550>