

Human optic atrophy 1 (autosomal dominant) ELISA Kit | OPA1 elisa kit

Human Dynamin-like 120 kDa protein, mitochondrial, OPA1 ELISA Kit

CATALOG #
AAA29490

REACTIVITY
Human

PRODUCT SYNONYMS

optic atrophy 1 (autosomal dominant); Human Dynamin-like 120 kDa protein; mitochondrial; OPA1 ELISA Kit; mitochondrial (OPA1) ELISA kit; FLJ12460; KIAA0567; MGM1; NPG; NTG; largeG; mitochondrial dynamin-like GTPase; optic atrophy 1; OPA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml-16ng/ml
Sensitivity	0.1ng/ml
Intra-assay Precision	Intra-assay CV (%) is less than 15%.
Inter-assay Precision	Inter-assay CV (%) is less than 15%. [CV(%) = SD/mean ×100]. All CV% should be compared by concentration, not compared by OD values.
Preparation and Storage	Store all reagents at 2-8 degree C

ADDITIONAL INFORMATION

Related Product Information for OPA1 elisa kit

Background: This Quantitative Sandwich ELISA kit is for lab reagent/research use only, not for drug, household, therapeutic or diagnostic applications! This kit is intended to be used for determine the level of OPA1 (hereafter termed "analyte") in undiluted original Human serum, plasma or tissue homogenates samples. For other sample types please contact tech support to determine compatibility with this assay. This kit is not suitable for assaying non-biological sources of substances.

NCBI AND UNIPROT INFORMATION

NCBI GI #	224831243
NCBI GeneID	4976
NCBI Accession #	NP_056375.2
NCBI GenBank Nucleotide #	NM_015560.2
UniProt Accession #	O60313 ; D3DNW4
Molecular Weight	111,631 Da
NCBI Official Full Name	dynamin-like 120 kDa protein, mitochondrial isoform 1
NCBI Official Synonym Full Names	optic atrophy 1 (autosomal dominant)
NCBI Official Symbol	OPA1
NCBI Official Synonym Symbols	NPG; NTG; MGM1; largeG
NCBI Protein Information	dynamin-like 120 kDa protein, mitochondrial; optic atrophy protein 1; mitochondrial dynamin-like GTPase; dynamin-like guanosine triphosphatase

UniProt Protein Name	Dynamin-like 120 kDa protein, mitochondrial
UniProt Gene Name	OPA1
UniProt Synonym Gene Names	KIAA0567
UniProt Entry Name	OPA1_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://www.aaabiotech.com/opa1-human-elisa-kits/optic-atrophy-1-autosomal-dominant/29490>