

Chicken Dynamin-like 120 kDa protein ELISA Kit | OPA1 elisa kit

Chicken Dynamin-like 120 kDa protein, mitochondrial (OPA1) ELISA Kit

CATALOG #
AAA55920

REACTIVITY
Chicken

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of Chicken CORT. No significant cross-reactivity or interference between Chicken CORT and analogues was observed.
Sequence Length	1015
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Competitive
Detection Range	0.05 ng/mL-10 ng/mL
Sensitivity	0.05 ng/mL (mean of 6 independent assays).
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for OPA1 elisa kit	Intended Uses: For the quantitative detection of Chicken Corticosterone (CORT) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs the competitive enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for CORT and Horseradish Peroxidase (HRP) conjugated CORT. The competitive inhibition reaction is launched between with HRP labeled CORT and unlabeled CORT with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of CORT in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	86129526
NCBI GeneID	424900
NCBI Accession #	NP_001034398.1
NCBI GenBank Nucleotide #	NM_001039309.1
UniProt Accession #	Q5F499

Molecular Weight	113,446 Da
NCBI Official Full Name	dynamin-like 120 kDa protein, mitochondrial
NCBI Official Synonym Full Names	OPA1, mitochondrial dynamin like GTPase
NCBI Official Symbol	OPA1
NCBI Protein Information	dynamin-like 120 kDa protein, mitochondrial
UniProt Protein Name	Dynamin-like 120 kDa protein, mitochondrial
UniProt Gene Name	OPA1

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-chicken-elisa-kits/dynamin-like-120-kda-protein/55920>