

Mouse Growth Regulated Oncogene Gamma (GROg) ELISA Kit | GROg elisa kit

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CATALOG #
AAA68261

REACTIVITY
Mouse

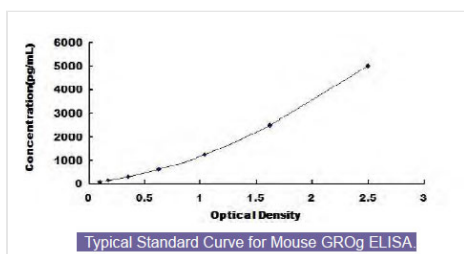
PRODUCT SYNONYMS

Growth Regulated Oncogene Gamma (GROg); Mouse Growth Regulated Oncogene Gamma (GROg) ELISA Kit; GROg elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of GROg. No significant cross-reactivity or interference between GROg and analogues was observed.
Sequence Length	100
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.1-5000pg/mL
Sensitivity	< 25pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level GROg were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level GROg were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GROg elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of GROg in mouse serum, plasma, tissue homogenates, cell lysates, 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 GROg. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GROg. 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 GROg, 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 +/- 10nm. The concentration of GROg in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42600573
NCBI GeneID	330122
NCBI Accession #	NP_976065.1
NCBI GenBank Nucleotide #	NM_203320.3
UniProt Accession #	Q6W5C0; Q3UNK9
Molecular Weight	10,686 Da
NCBI Official Full Name	C-X-C motif chemokine 3
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 3
NCBI Official Symbol	Cxcl3
NCBI Official Synonym Symbols	Dcip1; Gm1960
NCBI Protein Information	C-X-C motif chemokine 3
UniProt Protein Name	C-X-C motif chemokine 3
UniProt Gene Name	Cxcl3

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/mouse-elisa-kits/growth-regulated-oncogene-gamma-grog/68261>