

Mouse Peroxisome proliferator-activated receptor gamma coactivator 1 alpha (PGC1alpha) ELISA Kit | PGC1alpha elisa kit

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CATALOG # AAA18958	REACTIVITY Mouse
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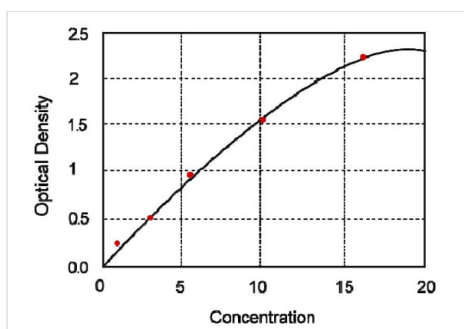
PRODUCT SYNONYMS

Peroxisome proliferator-activated receptor gamma coactivator 1 alpha (PGC1alpha); Mouse Peroxisome proliferator-activated receptor gamma coactivator 1 alpha (PGC1alpha) ELISA Kit; PGC1alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	796
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	15-3000ng/L
Sensitivity	7.33ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested 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 separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGC1alpha elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse PGC1alpha antibody. PGC1alpha present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse PGC1alpha Antibody is added and binds to PGC1alpha in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PGC1alpha antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse PGC1alpha. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Peroxisome proliferator-activated receptor gamma coactivator 1 alpha (also known as PGC1alpha) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13786188
NCBI GeneID	83516
NCBI Accession #	NP_112637.1
NCBI GenBank Nucleotide #	NM_031347.1
UniProt Accession #	Q9QYK2
Molecular Weight	90,622 Da
NCBI Official Full Name	peroxisome proliferator-activated receptor gamma coactivator 1-alpha
NCBI Official Synonym Full Names	PPARG coactivator 1 alpha
NCBI Official Symbol	Ppargc1a
NCBI Official Synonym Symbols	Ppargc1
NCBI Protein Information	peroxisome proliferator-activated receptor gamma coactivator 1-alpha
UniProt Protein Name	Peroxisome proliferator-activated receptor gamma coactivator 1-alpha
UniProt Gene Name	Ppargc1a
UniProt Synonym Gene Names	Pgc1; Pgc1a; Ppargc1; PGC-1-alpha; PPAR-gamma coactivator 1-alpha; PPARGC-1-alpha

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/peroxisome-proliferator-activated-receptor-gamma-coactivator-1-alpha-pgc1alpha/18958>