

Human Peroxisome proliferator-activated receptor gamma coactivator 1-alpha ELISA Kit | PPARGC1A elisa kit

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CATALOG # AAA17719	REACTIVITY Human
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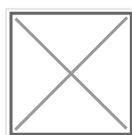
PRODUCT SYNONYMS

Peroxisome proliferator-activated receptor gamma coactivator 1-alpha; Human Peroxisome proliferator-activated receptor gamma coactivator 1-alpha ELISA Kit; PPARGC1A/Peroxisome proliferator-activated receptor gamma coactivator 1-alpha/PGC-1-alpha/PPAR-gamma coactivator 1-alpha/PPARGC-1-alpha/Ligand effect modulator 6/LEM6/PGC1/PGC1A/PPARGC1/PGC-1v; PPARGC1A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PPARGC1A. No significant cross-reactivity or interference between PPARGC1A and analogues was observed.
Sequence Length	798
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PPARGC1A elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7019499
NCBI GeneID	10891
NCBI Accession #	NP_037393.1
NCBI GenBank Nucleotide #	NM_013261.3
Molecular Weight	77,139 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	LEM6; PGC1; PGC1A; PGC-1v; PPARGC1; PGC-1alpha; PGC-1(alpha)
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	LEM6; PGC1; PGC1A; PPARGC1; PGC-1-alpha; PPAR-gamma coactivator 1-alpha; PPARGC-1-alpha
UniProt Entry Name	PRGC1_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://stage.aaabiotech.com/ppargc1a-human-elisa-kits/peroxisome-proliferator-activated-receptor-gamma-coactivator-1-alpha/17719>