

Mouse peroxisome proliferator-activated receptor gamma ELISA Kit | PPARG elisa kit

Mouse Peroxisome Proliferator-activated receptor gamma, PPAR-gamma ELISA Kit

CATALOG #
AAA79719

REACTIVITY
Mouse

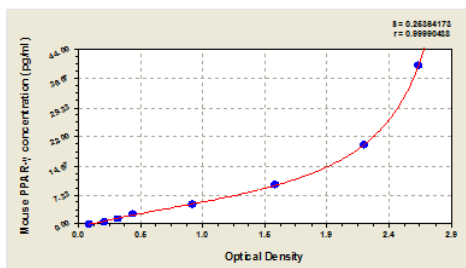
PRODUCT SYNONYMS

peroxisome proliferator-activated receptor gamma; Mouse Peroxisome Proliferator-activated receptor gamma; PPAR-gamma ELISA Kit; C1MT1; GLM1; NR1C3; PPARG1; PPARG2; PPARGgamma; OTTHUMP00000185030; OTTHUMP00000185033; PPAR gamma; nuclear receptor subfamily 1 group C member 3; peroxisome proliferative activated receptor gamma; peroxi; PPARG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse PPAR-gamma. No significant cross-reactivity or interference between mouse PPAR-gamma and analogues was observed.
Sequence Length	475
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.625 pg/ml-40 pg/ml
Sensitivity	< 0.156 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PPARG elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PPAR-gamma has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PPAR-gamma present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PPAR-gamma is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PPAR-gamma bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	187960105
NCBI GeneID	19016
NCBI Accession #	NP_001120802.1
NCBI GenBank Nucleotide #	NM_001127330.1
UniProt Accession #	P37238
Molecular Weight	57,598 Da
NCBI Official Full Name	peroxisome proliferator-activated receptor gamma isoform 1
NCBI Official Synonym Full Names	peroxisome proliferator activated receptor gamma
NCBI Official Symbol	Pparg
NCBI Official Synonym Symbols	Nr1c3; PPARgamma; PPAR-gamma; PPARgamma2; PPAR-gamma2
NCBI Protein Information	peroxisome proliferator-activated receptor gamma; nuclear receptor subfamily 1 group C member 3; peroxisome proliferator activated receptor gamma 2; peroxisome proliferator activated receptor gamma 4
UniProt Protein Name	Peroxisome proliferator-activated receptor gamma
UniProt Gene Name	Pparg
UniProt Synonym Gene Names	Nr1c3; PPAR-gamma
UniProt Entry Name	PPARG_MOUSE

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.