

Mouse Peroxisome proliferators activator gamma ELISA Kit | PPAR-gamma elisa kit

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CATALOG #
AAA87818

REACTIVITY
Mouse

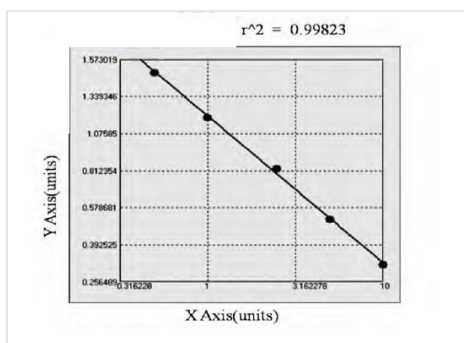
PRODUCT SYNONYMS

Peroxisome proliferators activator gamma; Mouse Peroxisome proliferators activator gamma ELISA Kit; Mouse Peroxisome proliferators activator g ELISA Kit; PPAR-gamma elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This PPAR- γ ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of mouse PPAR- γ . This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PPAR-gamma elisa kit

Principle of the Assay: PPAR- γ ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PPAR- γ antibody and an PPAR- γ -HRP conjugate. The assay sample and buffer are incubated together with PPAR- γ -HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PPAR- γ concentration since PPAR- γ from samples and PPAR- γ -HRP conjugate compete for the anti-PPAR- γ antibody binding site. Since the number of sites is limited, as more sites are occupied by PPAR- γ from the sample, fewer sites are left to bind PPAR- γ -HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PPAR- γ concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13432234
NCBI GeneID	5468
Molecular Weight	21,580 Da
NCBI Official Full Name	Peroxisome proliferator-activated receptor gamma
NCBI Official Synonym Full Names	peroxisome proliferator-activated receptor gamma
NCBI Official Symbol	PPARG
NCBI Official Synonym Symbols	GLM1; CIMT1; NR1C3; PPARG1; PPARG2; PPARGgamma
NCBI Protein Information	peroxisome proliferator-activated receptor gamma; PPAR-gamma; nuclear receptor subfamily 1 group C member 3; peroxisome proliferator-activated nuclear receptor gamma variant 1
UniProt Protein Name	Peroxisome proliferator-activated receptor gamma
UniProt Gene Name	PPARG
UniProt Synonym Gene Names	NR1C3; PPAR-gamma
UniProt Entry Name	PPARG_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/ppar-gamma-mouse-elisa-kits/peroxisome-proliferators-activator-gamma/87818>