

Mouse Peroxisome Proliferators Activated Receptor gamma ELISA Kit | PPARgamma elisa kit

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CATALOG #
AAA87334

REACTIVITY
Mouse

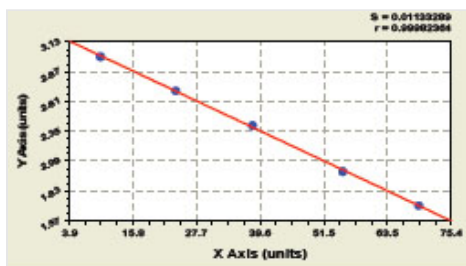
PRODUCT SYNONYMS

Peroxisome Proliferators Activated Receptor gamma; Mouse Peroxisome Proliferators Activated Receptor gamma ELISA Kit; Mouse Peroxisome Proliferators Activated Receptor g ELISA Kit; PPARgamma elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This PPARgamma ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of mouse PPARgamma. 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 PPARgamma elisa kit

Principle of the Assay: PPARgamma ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PPARgamma antibody and an PPARgamma-HRP conjugate. The assay sample and buffer are incubated together with PPARgamma-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 PPARgamma concentration since PPARgamma from samples and PPARgamma-HRP conjugate compete for the anti-PPARgamma antibody binding site. Since the number of sites is limited, as more sites are occupied by PPARgamma from the sample, fewer sites are left to bind PPARgamma-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PPARgamma concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	147904405
NCBI GeneID	100049069
NCBI Accession #	NP_001091096.1
NCBI GenBank Nucleotide #	NM_001097627.1
NCBI Official Full Name	peroxisome proliferators-activated receptor gamma
NCBI Official Symbol	pparg
NCBI Protein Information	peroxisome proliferators-activated receptor gamma

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/ppargamma-mouse-elisa-kits/peroxisome-proliferators-activated-receptor-gamma/87334>