

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

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CATALOG #

AAA82165

REACTIVITY

Rabbit

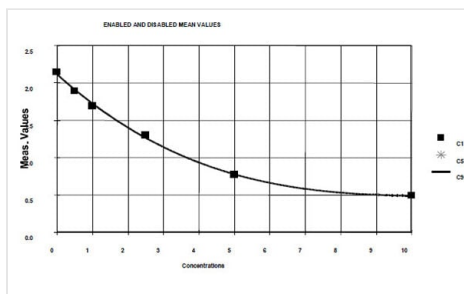
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PPARGgamma elisa kit	For Samples: Cell culture fluid & body fluid & tissue homogenate Serum or blood plasma Intended Uses: This PPARGgamma ELISA kit is intended for laboratory research use only. The stop solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of PPARGgamma in the sample, this PPARGgamma ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus PPARGgamma concentration. The concentration of in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: The coated well immunoenzymatic assay for the quantitative measurement of PPARGgamma utilizes a multiclonal anti-PPARGgamma antibody and an PPARGgamma-HRP conjugate. The assay sample and buffer are incubated together with PPARGgamma-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 PPARGgamma concentration since PPARGgamma from samples and PPARGgamma-HRP conjugate compete for the anti-PPARGgamma antibody binding site. Since the number of sites is limited, as more sites are occupied by PPARGgamma from the sample, fewer sites are left to bind PPARGgamma-HRP conjugate. Standards of known PPARGgamma concentrations are run concurrently with the samples being assayed and a standard curve is plotted relating the intensity of the color (Optical Density) to the concentration of PPARGgamma. The PPARGgamma concentration in each sample is interpolated from this standard curve.
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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/pparggamma-rabbit-elisa-kits/peroxisome-proliferators-activated-receptor-gamma/82165>