

Peroxisome Proliferators activator gamma ELISA Kit | PPAR-gamma elisa kit

Rat Peroxisome Proliferators activator gamma ELISA Kit

CATALOG #
AAA84539

REACTIVITY
Rat

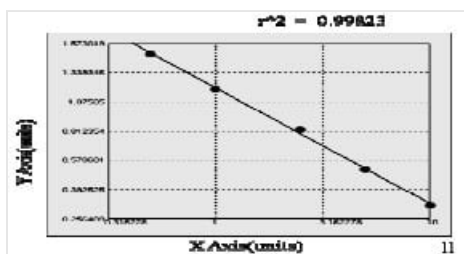
PRODUCT SYNONYMS

Peroxisome Proliferators activator gamma; Rat Peroxisome Proliferators activator gamma ELISA Kit; Rat Peroxisome Proliferators activator g ELISA Kit; PPAR-gamma elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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 PPAGamma ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat PPAGamma. 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: PPAGamma ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PPAGamma antibody and an PPAGamma-HRP conjugate. The assay sample and buffer are incubated together with PPAGamma-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 PPAGamma concentration since PPAGamma from samples and PPAGamma-HRP conjugate compete for the anti-PPAGamma antibody binding site. Since the number of sites is limited, as more sites are occupied by PPAGamma from the sample, fewer sites are left to bind PPAGamma-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PPAGamma 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ppar-gamma-rat-elisa-kits/peroxisome-proliferators-activator-gamma/84539>