

Human Peroxisome proliferators activator gamma ELISA Kit | PPAR gamma elisa kit

Human Peroxisome proliferators activator gamma ELISA Kit

CATALOG #
AAA83634

REACTIVITY
Human

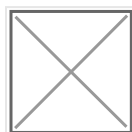
PRODUCT SYNONYMS

Peroxisome proliferators activator gamma; Human Peroxisome proliferators activator gamma ELISA Kit; Human Peroxisome proliferators activator g ELISA Kit; PPAR gamma elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This PPAR-gamma ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PPAR-gamma. 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-gamma ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for PPAR-gamma. Standards or samples are then added to the microtiter plate wells and PPAR-gamma if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of PPAR-gamma present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for PPAR-gamma are added to each well to "sandwich" the PPAR-gamma immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain PPAR-gamma and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PPAR-gamma 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-human-elisa-kits/peroxisome-proliferators-activator-gamma/83634>