

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

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CATALOG #
AAA82597

REACTIVITY
Human

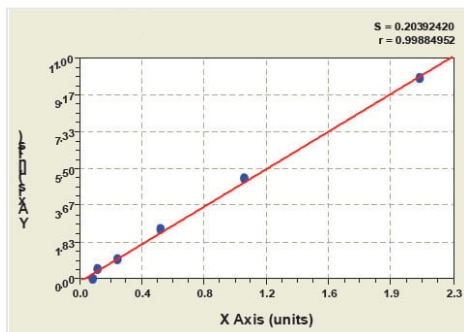
PRODUCT SYNONYMS

Peroxisome proliferators activator Alpha; Human Peroxisome proliferators activator Alpha ELISA Kit; PPAR Alpha 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-a ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PPAR-a. 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 Alpha elisa kit

Principle of the Assay: PPAR-a ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for PPAR-a. Standards or samples are then added to the microtiter plate wells and PPAR-a if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of PPAR-a present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for PPAR-a are added to each well to "sandwich" the PPAR-a 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-a 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-a concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50348666
NCBI GeneID	5465
NCBI Accession #	NP_001001928.1
NCBI GenBank Nucleotide #	NM_001001928.2
Molecular Weight	18,942 Da
NCBI Official Full Name	peroxisome proliferator-activated receptor alpha
NCBI Official Synonym Full Names	peroxisome proliferator-activated receptor alpha
NCBI Official Symbol	PPARA
NCBI Official Synonym Symbols	PPAR; NR1C1; hPPAR; PPARalpha
NCBI Protein Information	peroxisome proliferator-activated receptor alpha; PPAR-alpha; nuclear receptor subfamily 1 group C member 1; peroxisome proliferative activated receptor, alpha; peroxisome proliferator-activated nuclear receptor alpha variant 3
UniProt Protein Name	Peroxisome proliferator-activated receptor alpha
UniProt Gene Name	PPARA
UniProt Synonym Gene Names	NR1C1; PPAR; PPAR-alpha
UniProt Entry Name	PPARA_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-alpha-human-elisa-kits/peroxisome-proliferators-activator-alpha/82597>