

Human Peroxisome Proliferator Activated Receptor Alpha ELISA Kit | PPAR-alpha elisa kit

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CATALOG #
AAA101982

REACTIVITY
Human

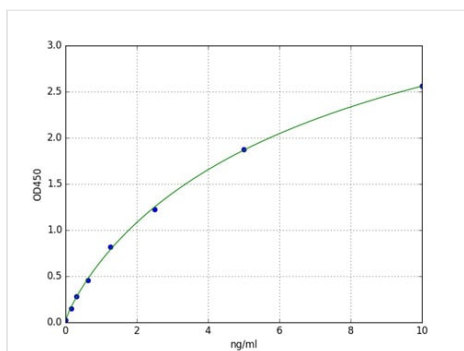
PRODUCT SYNONYMS

Peroxisome Proliferator Activated Receptor Alpha; Human Peroxisome Proliferator Activated Receptor Alpha ELISA Kit; PPAR-alpha ; PPAR-alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	468
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human PPAR- α ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.070	0.154	0.236	0.357	0.644	1.016	1.663	1.922

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PPAR-alpha elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human PPAR-alpha antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PPAR-alpha antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human PPAR-alpha amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PPAR-alpha can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	765240
NCBI GeneID	5465
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
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-proliferator-activated-receptor-alpha/101982>