

Human Free Fatty Acid (FFA) ELISA Kit | FFA elisa kit

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CATALOG #
AAA55002

REACTIVITY
Human

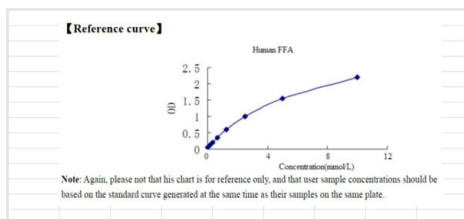
PRODUCT SYNONYMS

Free Fatty Acid (FFA); Human Free Fatty Acid (FFA) ELISA Kit; FFA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	330
Assay Type	Sandwich
Detection Range	10 mmol/L-0.156 mmol/L
Sensitivity	Up to 0.05 mmol/L
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FFA elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human FFA monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885333
NCBI GeneID	2867

NCBI Accession #	NP_005297.1
NCBI GenBank Nucleotide #	NM_005306.2
Molecular Weight	37,144 Da
NCBI Official Full Name	free fatty acid receptor 2
NCBI Official Synonym Full Names	free fatty acid receptor 2
NCBI Official Symbol	FFAR2
NCBI Official Synonym Symbols	FFA2R; GPR43
NCBI Protein Information	free fatty acid receptor 2; G protein-coupled receptor 43; G-protein coupled receptor 43; free fatty acid activated receptor 2
UniProt Protein Name	Free fatty acid receptor 2
UniProt Gene Name	FFAR2
UniProt Synonym Gene Names	GPR43
UniProt Entry Name	FFAR2_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/human-elisa-kits/free-fatty-acid-ffa/55002>