

Human G Protein Coupled Receptor 120 (GPR120) ELISA Kit | GPR120 elisa kit

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CATALOG #
AAA42085

REACTIVITY
Human

PRODUCT SYNONYMS

G Protein Coupled Receptor 120 (GPR120); Human G Protein Coupled Receptor 120 (GPR120) ELISA Kit; GPR120 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	361
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 100ng/ml
Sensitivity	0.25ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPR120 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human G Protein Coupled Receptor 120 (also known as GPR120) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human GPR120 antibody. GPR120 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human GPR120 Antibody is added and binds to GPR120 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GPR120 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human GPR120. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	72533526
NCBI GeneID	338557

UniProt Accession #	Q5NUL3 ; Q495H1 ; Q5VY25 ; Q5VY26 ; Q7Z605 ; Q86SM7
Molecular Weight	40,494 Da
NCBI Official Full Name	GPR120 protein
NCBI Official Synonym Full Names	free fatty acid receptor 4
NCBI Official Symbol	FFAR4
NCBI Official Synonym Symbols	GT01; PGR4; BMIQ10; GPR120; GPR129; O3FAR1
NCBI Protein Information	free fatty acid receptor 4
UniProt Protein Name	Free fatty acid receptor 4
UniProt Gene Name	FFAR4
UniProt Synonym Gene Names	GPR120; GPR129; O3FAR1; PGR4

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/g-protein-coupled-receptor-120-gpr120/42085>