

Human GPR120 ELISA Kit | GPR120 elisa kit

Human GPR120 (G Protein Coupled Receptor 120) ELISA Kit

CATALOG #
AAA165652

REACTIVITY
Human

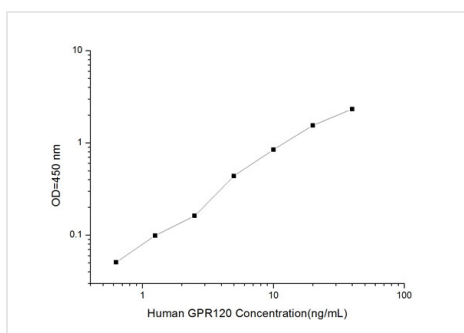
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human GPR120. No significant cross-reactivity or interference between Human GPR120 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human GPR120 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	361
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.625-40ng/mL
Sensitivity	Min: 0.375ng/mL; Max: 40ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPR120 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GPR120 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human GPR120. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human GPR120 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human GPR120, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human GPR120. You can calculate the concentration of Human GPR120 in the samples by comparing the OD of the samples to the standard curve.
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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; G-protein coupled receptor 120; G-protein coupled receptor 129; G-protein coupled receptor GT01; G-protein coupled receptor PGR4; omega-3 fatty acid receptor 1
UniProt Protein Name	Free fatty acid receptor 4
UniProt Gene Name	FFAR4
UniProt Synonym Gene Names	GPR120; GPR129; O3FAR1; PGR4
UniProt Entry Name	FFAR4_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/gpr120/165652>