

Human G protein coupled receptor 78 ELISA Kit | GPR78 elisa kit

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CATALOG #
AAA93953

REACTIVITY
Human

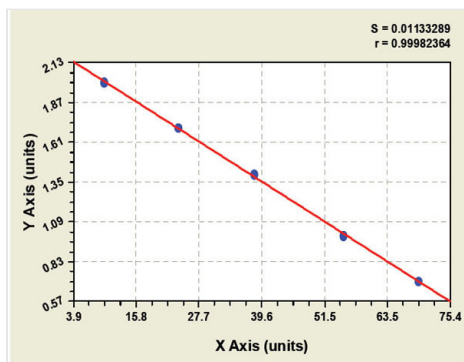
PRODUCT SYNONYMS

G protein coupled receptor 78; Human G protein coupled receptor 78 ELISA Kit; GPR78 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This GPR78 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human GPR78. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPR78 elisa kit	Principle of the Assay: GPR78 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GPR78 antibody and an GPR78-HRP conjugate. The assay sample and buffer are incubated together with GPR78-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GPR78 concentration since GPR78 from samples and GPR78-HRP conjugate compete for the anti-GPR78 antibody binding site. Since the number of sites is limited, as more sites are occupied by GPR78 from the sample, fewer sites are left to bind GPR78-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GPR78 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for GPR78 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	36951034
NCBI GeneID	27201
NCBI Accession #	NP_543009.2
NCBI GenBank Nucleotide #	NM_080819.4
Molecular Weight	39,332 Da
NCBI Official Full Name	G-protein coupled receptor 78
NCBI Official Synonym Full Names	G protein-coupled receptor 78
NCBI Official Symbol	GPR78
NCBI Protein Information	G-protein coupled receptor 78
UniProt Protein Name	G-protein coupled receptor 78
UniProt Gene Name	GPR78
UniProt Synonym Gene Names	UNQ5925/PRO19818
UniProt Entry Name	GPR78_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/gpr78-human-elisa-kits/g-protein-coupled-receptor-78/93953>