

Human G Protein Coupled Receptor 109B (GPR109B) RTU ELISA Kit | GPR109B rtu elisa kit

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CATALOG #
AAA70987

REACTIVITY
Human

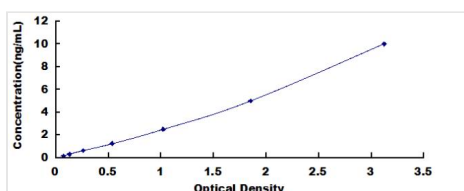
PRODUCT SYNONYMS

G Protein Coupled Receptor 109B (GPR109B); Human G Protein Coupled Receptor 109B (GPR109B) ELISA Kit; HCAR3; NIACR2; HM74; HCA3; HM74B; PUMAG; Puma-g; Niacin Receptor 2; Nicotinic acid receptor 2; Hydroxycarboxylic acid receptor 3; GPR109B rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	387
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.061ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPR109B rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GPR109B. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GPR109B. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain GPR109B, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of GPR109B in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157738694
NCBI GeneID	8843
NCBI Accession #	NP_006009.2
NCBI GenBank Nucleotide #	NM_006018.2
UniProt Accession #	P49019; Q8NGE4; A8K4G5; B2R830; E9PI97
Molecular Weight	44,478 Da
NCBI Official Full Name	hydroxycarboxylic acid receptor 3
NCBI Official Synonym Full Names	hydroxycarboxylic acid receptor 3
NCBI Official Symbol	HCAR3
NCBI Official Synonym Symbols	HCA3; HM74; PUMAG; Puma-g; GPR109B
NCBI Protein Information	hydroxycarboxylic acid receptor 3
UniProt Protein Name	Hydroxycarboxylic acid receptor 3
UniProt Gene Name	HCAR3
UniProt Synonym Gene Names	GPR109B; HCA3; HM74B; NIACR2

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://www.aaabiotech.com/human-rtu-elisa-kits/g-protein-coupled-receptor-109b-gpr109b/70987>