

Human G Protein Coupled Receptor 48 ELISA Kit | GPR48 elisa kit

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CATALOG #
AAA83400

REACTIVITY
Human

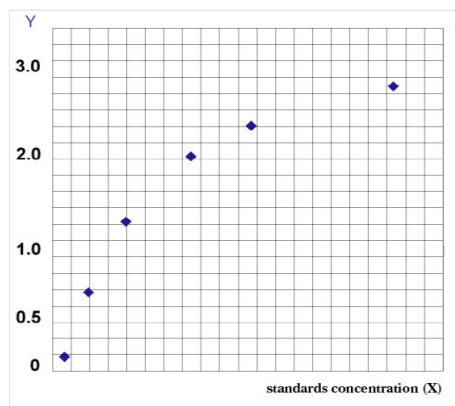
PRODUCT SYNONYMS

G Protein Coupled Receptor 48; Human G Protein Coupled Receptor 48 ELISA Kit; GPR48 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPR48 elisa kit	Intended Uses: This G6PD ELISA kit is intended Laboratory for research use only. The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of G6PD in the sample, this G6PD ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus G6PD concentration. The concentration of G6PD in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This G6PD enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for G6PD. Standards or samples are then added to the microtiter plate wells and G6PD if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of G6PD present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for G6PD are added to each well to "sandwich" the G6PD immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain G6PD and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.
Product Categories/Family for GPR48 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	1203978
NCBI GeneID	2539
Molecular Weight	62,468 Da
NCBI Official Full Name	G6PD
NCBI Official Synonym Full Names	glucose-6-phosphate dehydrogenase
NCBI Official Symbol	G6PD
NCBI Official Synonym Symbols	G6PD1
NCBI Protein Information	glucose-6-phosphate 1-dehydrogenase
UniProt Protein Name	Glucose-6-phosphate 1-dehydrogenase
UniProt Gene Name	G6PD
UniProt Synonym Gene Names	G6PD
UniProt Entry Name	G6PD_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.