

Human Heat-stable enterotoxin receptor ELISA Kit | GUCY2C elisa kit

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CATALOG #
AAA23261

REACTIVITY
Human

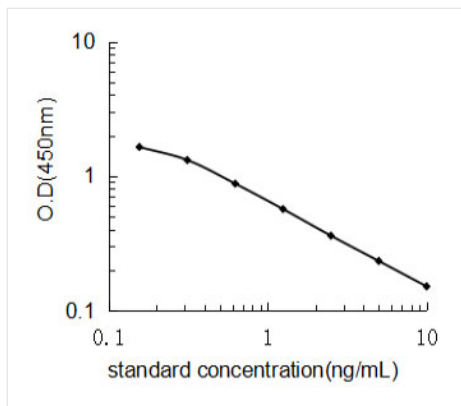
PRODUCT SYNONYMS

Heat-stable enterotoxin receptor; Human Heat-stable enterotoxin receptor ELISA Kit; STA receptor; hSTAR; Guanylyl cyclase C; GC-C; Intestinal guanylate cyclase; GUCY2C; GUC2C; STAR; 4.6.1.2; GUCY2C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1073
Assay Type	Quantitative Competitive
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Intra-assay Precision	<=5.4%
Inter-assay Precision	<=7.7%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GUCY2C elisa kit	Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen, During the reaction, target antigen in the sample or standard competes with a fixed amount of biotin-labeled target antigen for sites on a pre-coated antibody specific to target antigen. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	222080083
NCBI GeneID	2984
NCBI Accession #	NP_004954.2
NCBI GenBank Nucleotide #	NM_004963.3
UniProt Accession #	P25092; B2RMY6
Molecular Weight	123,403 Da
NCBI Official Full Name	heat-stable enterotoxin receptor
NCBI Official Synonym Full Names	guanylate cyclase 2C
NCBI Official Symbol	GUCY2C
NCBI Official Synonym Symbols	STAR; DIAR6; GUC2C; MECIL; MUCIL
NCBI Protein Information	heat-stable enterotoxin receptor
UniProt Protein Name	Heat-stable enterotoxin receptor
UniProt Gene Name	GUCY2C
UniProt Synonym Gene Names	GUC2C; STAR; STA receptor; hSTAR; GC-C
UniProt Entry Name	GUC2C_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.