Human GUCY2C (Heat-stable enterotoxin receptor) ELISA kit

This kit applies sandwich ELISA method for the quantitative detection of GUCY2C (Heat-stable enterotoxin receptor) in human samples. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human GUCY2C. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human GUCY2C. 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 Human GUCY2C, 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 ±10nm. The concentration of Human GUCY2C in the samples is then determined by comparing the OD of the samples to the standard curve.

Catalog No.	3019881
Size	96-Wells
Product Category	ELISA (Quantitative)
Reactivity	Human
Sample	Serum; Plasma; Tissue Homogenates
Assay Method	Sandwich ELISA
Assay Duration	3.5 hours
Sensitivity	0.053 ng/mL
Standard Curve Range	0.16-10 ng/mL
Storage/Stability	-20°C/1 year; 4°C/6 months