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Product Datasheet

EasyStep Human EGFR2(Epidermal Growth Factor Receptor 2) ELISA Kit EBT-ELK078ES

Article Name	EasyStep Human EGFR2(Epidermal Growth Factor Receptor 2) ELISA Kit
Biozol Catalog Number	EBT-ELK078ES
Supplier Catalog Number	ELK078ES
Alternative Catalog Number	EBT-ELK078ES-96, EBT-ELK078ES-48, EBT-ELK078ES-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	16.9 pg/mL
Samples	Serum, plasma

Application Notes

Assay Type: Sandwich. Assay length: 1.5h. Research Area: Signal transduction, Tumor immunity, Reproductive science, Hepatology, .
Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human EGFR2, and the Human EGFR2 standard plate wells that pre-coated using protein-related techniques are provided separately. Standard/Sample Diluent Buffer or samples are added to the appropriate microtiter plate wells ,then added a HRP-conjugated antibody specific to Human EGFR2. After TMB substrate solution is added, only those wells that contain Human EGFR2 and HRP-conjugated antibody 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 EGFR2 in the samples is then determined by comparing the OD of the samples to the standard curve