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## Product Datasheet

### Rat EGFR(Epidermal Growth Factor Receptor) ELISA Kit EBT-ELK2225

Article Name	Rat EGFR(Epidermal Growth Factor Receptor) ELISA Kit
Biozol Catalog Number	EBT-ELK2225
Supplier Catalog Number	ELK2225
Alternative Catalog Number	EBT-ELK2225-96, EBT-ELK2225-48, EBT-ELK2225-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.126 ng/mL
Samples	Serum, plasma and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: CD & Adhesion molecule, Tumor immunity,. 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 Rat EGFR. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat EGFR. 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 Rat EGFR, 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 Rat EGFR in the samples is then determined by comparing the OD of the samples to the standard curve