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## Product Datasheet

### Rat hCG(Chorionic Gonadotropin) ELISA Kit EBT-ELK0429

Article Name	Rat hCG(Chorionic Gonadotropin) ELISA Kit
Biozol Catalog Number	EBT-ELK0429
Supplier Catalog Number	ELK0429
Alternative Catalog Number	EBT-ELK0429-96, EBT-ELK0429-48, EBT-ELK0429-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	80 mIU/mL
Range	1.25-80 mIU/mL
Sensitivity	0.188 mIU/mL
Samples	serum, plasma, urine, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Endocrinology, Reproductive science, Neuro science, Genetic science, Hormone metabolism, . 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 hCG. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat hCG. 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 hCG, 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 hCG in the samples is then determined by comparing the OD of the samples to the standard curve