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## Product Datasheet

### Rat TSPAN30(Tetraspanin 30) ELISA Kit EBT-ELK0227

Article Name	Rat TSPAN30(Tetraspanin 30) ELISA Kit
Biozol Catalog Number	EBT-ELK0227
Supplier Catalog Number	ELK0227
Alternative Catalog Number	EBT-ELK0227-96, EBT-ELK0227-48, EBT-ELK0227-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	4000 pg/mL
Range	62.5-4000 pg/mL
Sensitivity	18.3 pg/mL
Samples	serum, plasma, tissue homogenates, cell lysates, breast milk, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, CD & Adhesion molecule, Hematology, Developmental science,. 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 TSPAN30. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat TSPAN30. 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 TSPAN30, 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 TSPAN30 in the samples is then determined by comparing the OD of the samples to the standard curve