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## Product Datasheet

### Rat Signal Transducer and Activator of Transcription 6 (STAT6) ELISA Kit BYT-ORB2667534

Article Name	Rat Signal Transducer and Activator of Transcription 6 (STAT6) ELISA Kit
Biozol Catalog Number	BYT-ORB2667534
Supplier Catalog Number	orb2667534
Alternative Catalog Number	BYT-ORB2667534-48,BYT-ORB2667534-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat Signal Transducer and Activator of Transcription 6 (STAT6) ELISA Kit...
Range	0.16-10 ng/mL
Sensitivity	0.057 ng/mL
UniProt	<a href="#">O70429</a>
Samples	Serum, plasma, tissue homogenates and other biological fluids.

Application Notes

Application Notes: standard: 10 ng/mL. 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 STAT6. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat STAT6. 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 STAT6, 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 STAT6 in the samples is then determined by comparing the OD of the samples to the standard curve