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Product Datasheet

Rat Signal Transducer and Activator of Transcription 2 (STAT2) ELISA Kit BYT-ORB781523

Artikelname	Rat Signal Transducer and Activator of Transcription 2 (STAT2) ELISA Kit
Artikelnummer	BYT-ORB781523
Hersteller Artikelnummer	orb781523
Alternativnummer	BYT-ORB781523-48, BYT-ORB781523-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Rat
Produktbeschreibung	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 Signal Transducer And Activator Of Transcription 2(STAT2)....
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.116 ng/mL
Proben	tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 20 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 STAT2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat STAT2. 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 STAT2, 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 STAT2 in the samples is then determined by comparing the OD of the samples to the standard curve