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## Product Datasheet

### Rat S100 Calcium Binding Protein B (S100B) ELISA Kit BYT-ORB776477

Artikelname	Rat S100 Calcium Binding Protein B (S100B) ELISA Kit
Artikelnummer	BYT-ORB776477
Hersteller Artikelnummer	orb776477
Alternativnummer	BYT-ORB776477-48, BYT-ORB776477-96
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 S100 Calcium Binding Protein B(S100B)....
Konzentration	500 pg/mL
Detektionsbereich	7.82-500 pg/mL
Sensitivitaet	3 pg/mL
UniProt	<a href="#">P04631</a>
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 500 pg/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 S100B. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat S100B. 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 S100B, 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 S100B in the samples is then determined by comparing the OD of the samples to the standard curve