Product Datasheet

Rabbit S100 Calcium Binding Protein B (S100B) ELISA Kit (orb778949)

Catalog Number	orb778949
Category	Assays and Kits
Description	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).
Reactivity	Rabbit
Concentration	1000 pg/mL
UniProt ID	**Q6YNR6**
Tested applications	ELISA
Application notes	standard: 1000 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 Rabbit S100B. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rabbit 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 Rabbit 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 Rabbit S100B in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Sandwich
Assay Time	3.5h
Range	15.63-1000 pg/mL

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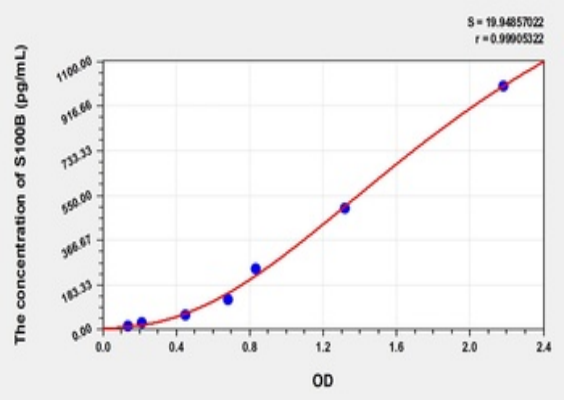
Sensitivity	6.5 pg/mL
Sample Types	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Note	For research use only



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