

Product Datasheet

Mouse S100 Calcium Binding Protein A8 (S100A8) ELISA Kit (orb2667773)

Catalog Number	orb2667773
Category	Assays and Kits
Description	Mouse S100 Calcium Binding Protein A8 (S100A8) ELISA Kit
Reactivity	Mouse
UniProt ID	P27005
Application notes	<p>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 Mouse S100A8. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse S100A8. 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 Mouse S100A8, 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 \pm 10nm. The concentration of Mouse S100A8 in the samples is then determined by comparing the OD of the samples to the standard curve</p>
Assay Type	Sandwich
Assay Time	3.5h
Range	0.16-10 ng/mL
Sensitivity	0.078 ng/mL

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Sample Types	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Note	For research use only
Expiration Date	6 months from date of receipt.

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