

Product Datasheet

Mouse S100 Calcium Binding Protein A8 (S100A8) ELISA Kit (orb1807817)

Catalog Number	orb1807817
Category	Assays and Kits
Description	Mouse S100 Calcium Binding Protein A8 (S100A8) ELISA Kit
Target	S100A8
Reactivity	Mouse
UniProt ID	P27005
Application notes	<p>This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse S100A8. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse S100A8 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse S100A8, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm \pm 2 nm. The OD value is proportional to the concentration of Mouse S100A8. You can calculate the concentration of Mouse S100A8 in the samples by comparing the OD of the samples to the standard curve.</p>
Assay Type	Sandwich
Assay Time	3.5H
Standard	4000pg/mL

Biorbyt Ltd.

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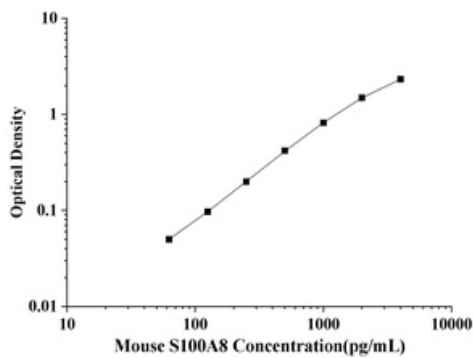
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Range	62.5-4000pg/mL
Sensitivity	37.50 pg/mL
Sample Types	serum, plasma, Tissue homogenate and Other biological samples
Note	For research use only
Expiration Date	6 months from date of receipt.



Standard curve for orb1807817 ELISA kit.

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