

Product Datasheet

Mouse Thyroxine Binding Globulin (TBG) ELISA Kit (orb2667221)

Catalog Number	orb2667221
Category	Assays and Kits
Description	Mouse Thyroxine Binding Globulin (TBG) ELISA Kit
Reactivity	Mouse
UniProt ID	P61939
Application notes	<p>standard: 10 µg/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 TBG. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse TBG. 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 TBG, 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 Mouse TBG 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 µg/mL
Sensitivity	0.051 µg/mL
Sample Types	Serum, plasma and other biological fluids.

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Note For research use only

Expiration Date 6 months from date of receipt.

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