

Product Datasheet

Human Thymosin Beta 4 (Tb4) ELISA Kit (orb778255)

Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Thymosin Beta 4(Tb4) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Thymosin Beta 4(Tb4).
Reactivity	Human
Range	3.13-200 ng/mL
Tested Applications	ELISA
Concentration	200 ng/mL
Note	For research use only
Application notes	standard: 200 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human Tb4 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Tb4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 Human Tb4 in the samples is then determined by comparing the OD of the samples to the standard curve
Sample Types	Serum, plasma and other biological fluids
Assay Time	2.5h
Uniprot ID	P62328
Sensitivity	0.88 ng/mL

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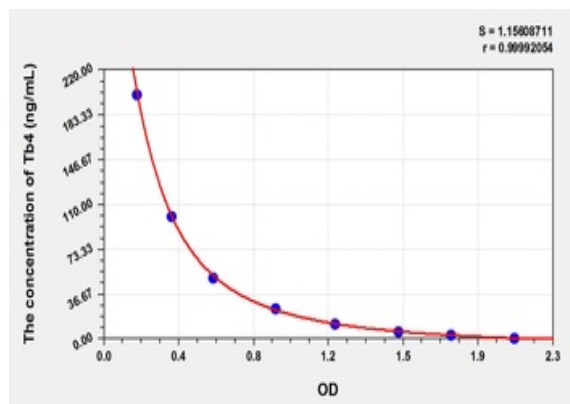
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Expiration Date

Please enquire.



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