

Product Datasheet

Chicken Transforming Growth Factor Beta 1 (TGFb1) ELISA Kit (orb775903)

Catalog Number	orb775903
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 Transforming Growth Factor Beta 1(TGFb1).
Reactivity	Gallus
Concentration	1000 pg/mL
UniProt ID	P09531
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 Chicken TGFb1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken TGFb1. 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 Chicken TGFb1, 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 Chicken TGFb1 in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Sandwich
Assay Time	3.5h

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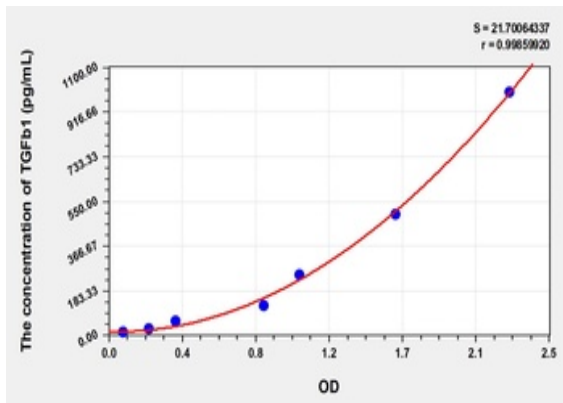
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Range	15.63-1000 pg/mL
Sensitivity	6.3 pg/mL
Sample Types	Serum, plasma and other biological fluids.
Note	For research use only
Expiration Date	Please enquire.

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