

Datasheet for ABIN2043807 IL2RG ELISA Kit



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Overview

Quantity:	96 tests
Target:	IL2RG
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.15-10 ng/mL
Minimum Detection Limit:	0.15 ng/mL
Application:	ELISA

Product Details

Brand:	BioAssay™
Detection Method:	Colorimetric
Sensitivity:	< 0.054 ng/mL

Target Details

Target:	IL2RG
Alternative Name:	Interleukin 2 Receptor gamma (IL2Rg) (IL2RG Products)
Pathways:	JAK-STAT Signaling, Growth Factor Binding

Application Details

Plate:	Pre-coated
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Application Details

Protocol: Interleukin 2 Receptor Gamma (IL2Rg) BioAssay-ELISA Kit (Human) is a Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Interleukin 2 Receptor Gamma (IL2Rg). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Interleukin 2 Receptor Gamma (IL2Rg). 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 Interleukin 2 Receptor Gamma (IL2Rg), 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 Interleukin 2 Receptor Gamma (IL2Rg) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Restrictions: For Research Use only

Handling

Storage: 4 °C/-20 °C