

Product Datasheet

Human Interleukin 4 (IL-4) High Fast ELISA Kit (orb1806763)

Catalog Number	orb1806763
Category	Assays and Kits
Description	Human Interleukin 4 (IL-4) High Fast ELISA Kit
Target	IL-4
Reactivity	Human
UniProt ID	P05112
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 HF-Human IL-4. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody and biotinylated detection antibody specific for HF-Human IL-4. Then 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 HF-Human IL-4, 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. The OD value is proportional to the concentration of HF-Human IL-4. You can calculate the concentration of HF-Human IL-4 in the samples by comparing the OD of the samples to the standard curve.</p>
Assay Type	Sandwich
Assay Time	3H
Standard	100pg/mL

Biorbyt Ltd.

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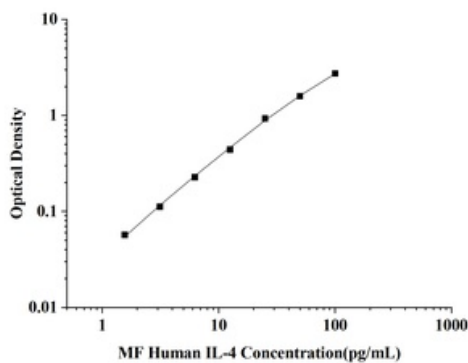
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Range	1.56-100pg/mL
Sensitivity	0.94 pg/mL
Sample Types	Serum, Plasma and Tissue homogenate and other biological samples □ Sample volume □ 25μL
Note	For research use only
Expiration Date	6 months from date of receipt.

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