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Datasheet for ABIN2648537 IL4 Receptor ELISA Kit

Overview

Quantity:	96 tests
Target:	IL4 Receptor (IL4R)
Reactivity:	Human
Application:	ELISA

Product Details

Purpose:	Human IL-4R ELISA is to be used for the in-vitro quantitative determination of soluble IL-4 receptor molecule (CD124) in human serum, plasma, buffered solutions or cell culture medium. The assay will recognize both natural and recombinant human IL-4R.
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	Human IL-4R ELISA Assay kit is for Research Use Only.

Target Details

Target:	IL4 Receptor (IL4R)
Alternative Name:	CD124 / IL-4R (IL4R Products)
Pathways:	JAK-STAT Signaling , Positive Regulation of Immune Effector Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Plate:	Pre-coated

Application Details

Protocol: The IL-4R Kit is a solid phase sandwich Enzyme Linked-Immuno- Sorbent Assay (ELISA). A monoclonal antibody specific for IL-4R has been coated onto the wells of the microtiter strips provided. Samples, including standards of known IL-4R concentrations and unknowns are pipetted into these wells. During the first incubation, the IL-4R antigen and a biotinylated monoclonal antibody specific for IL-4R are simultaneously incubated. After washing, the enzyme (streptavidin-peroxydase) is added. After incubation and washing to remove all the unbound enzyme, a substrate solution is added to induce a coloured reaction product. The intensity of this coloured product is directly proportional to the concentration of IL-4R present in the samples.

Restrictions: For Research Use only

Handling

Storage: 4 °C