



Human Interleukin 4,IL-4 ELISA KIT

Product Code	CSB-E04633h
Abbreviation	IL4
Protein Biological Process 1	Immunity
Uniprot No.	P05112
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates.
Detection Range	31.25 pg/ml - 2000 pg/ml
Sensitivity	7.8 pg/ml
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Immunology
Quality Control	A microplate reader capable of measuring absorbance at 450 nm, with the correction wavelength set at 540 nm or 570 nm. An incubator that can provide stable incubation conditions up to 37°C±5°C. Squirt bottle, manifold dispenser, or automated microplate washer. Absorbent paper for blotting the microtiter plate. 100ml and 500ml graduated cylinders. Deionized or distilled water. Adjustable pipettes to measure volumes ranging from 2 µL to 1 mL and pipette tips. Timer Test tubes for dilution.
Gene Names	IL4
Tag Info	quantitative
Protein Description	Sandwich
Component	A micro ELISA plate --- The 96-well plate has been pre-coated with an anti-human IL-4 antibody. This dismountable microplate can be divided into 12 x 8 strip plates. Two vials lyophilized standard --- Dilute a bottle of the standard at dilution series, read the OD values, and then draw a standard curve. One vial Biotin-labeled IL-4 antibody (100 x concentrate) (120 µl/bottle) ---Act as the detection antibody.



One vial HRP-avidin (100 x concentrate) (120 µl/bottle) --- Bind to the detection antibody and react with the TMB substrate to make the solution chromogenic.

One vial Biotin-antibody Diluent (15 ml/bottle) ---Dilute the Biotin-antibody.

One vial HRP-avidin Diluent (15 ml/bottle) ---Dilute the HRP-avidin solution.

One vial Sample Diluent (50 ml/bottle)---Dilute the sample to an appropriate concentration.

One vial Wash Buffer (25 x concentrate) (20 ml/bottle) --- Wash away unbound or free substances.

One vial TMB Substrate (10 ml/bottle) --- Act as the chromogenic agent. TMB interacts with HRP, eliciting the solution turns blue.

One vial Stop Solution (10 ml/bottle) --- Stop the color reaction. The solution color immediately turns from blue to yellow.

Four Adhesive Strips (For 96 wells) --- Cover the microplate when incubation.

An instruction manual

Description

This Human IL4 ELISA Kit was designed for the quantitative measurement of Human IL4 protein in serum, tissue homogenates, cell culture supernates, saliva. It is a Sandwich ELISA kit, its detection range is 31.25 pg/ml - 2000 pg/ml and the sensitivity is 7.8 pg/ml.

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