

Datasheet for ABIN2648700

IL-5 ELISA Kit

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Overview

Quantity:	96 tests
Target:	IL-5 (IL5)
Reactivity:	Human
Application:	ELISA

Product Details

Purpose:	Human Interleukin 5 (IL-5) ELISA Assay Kit (enzyme-linked immunoassay kit) is intended for the quantitative determination of human Interleukin 5 (IL-5) concentrations in cell culture supernates, serum, and plasma.
Sample Type:	Serum, Plasma, Cell Culture Cells
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	2 pg/ml
Characteristics:	Human Interleukin 5 (IL-5) ELISA Assay Kit is for research use only and not to be used in diagnostic procedures.

Target Details

Target:	IL-5 (IL5)
Alternative Name:	IL-5 (IL5 Products)
Pathways:	JAK-STAT Signaling , Positive Regulation of Peptide Hormone Secretion , Production of Molecular Mediator of Immune Response , Feeding Behaviour

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Sample Volume:	100 µL
Assay Time:	3.5 h
Plate:	Pre-coated
Protocol:	PRINCIPLE OF THE ASSAY Human Interleukin 5 (IL-5) ELISA Assay Kit employs the quantitative sandwich enzyme immunoassay technique. A monoclonal antibody specific for IL-5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-5 present is bound by the immobilized antibody. Following incubation unbound samples are removed during a wash step, and then a detection antibody specific for IL-5 is added to the wells and binds to the combination of capture antibody- IL-5 in sample. Following a wash to remove any unbound combination, and enzyme conjugate is added to the wells. Following incubation and wash steps a substrate is added. A colored product is formed in proportion to the amount of IL-5 present in the sample. The reaction is terminated by addition of acid and absorbance is measured at 450nm. A standard curve is prepared from seven IL-5 standard dilutions and IL-5 sample concentration determined.
Restrictions:	For Research Use only

Handling

Storage:	4 °C
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