

Datasheet for ABIN4986959

IL-5 ELISA Kit[Go to Product page](#)**1** Image

Overview

Quantity:	96 tests
Target:	IL-5 (IL5)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	3.9-250 pg/mL
Minimum Detection Limit:	3.9 pg/mL
Application:	ELISA

Product Details

Sample Type:	Cell Culture Supernatant, Serum, Plasma (heparin), Plasma (citrate), Plasma (EDTA)
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Natural and recombinant Human IL-5 Ligand
Sensitivity:	2 pg/mL
Material not included:	• Microplate reader. • Pipettes and pipette tips. • EP tube Deionized or distilled water.

Target Details

Target:	IL-5 (IL5)
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Target Details

Alternative Name:	IL-5 (IL5 Products)
Background:	Interleukin-5(IL-5)is a secreted glycoprotein that belongs to the α -helical group of cytokines (1-3). Unlike other family members, it is present as a covalently linked antiparallel dimer (4, 5). The cDNA for human IL-5 encodes a signal peptide and a 115 amino acid (aa) mature protein. Mature human IL-5 shares 70 % , 70 % , 62 % , 71 % , 70 % and 66 % , aa sequence identity with mouse, rat, canine, equine, feline and porcine IL-5, respectively and shows cross-reactivity with mouse IL-5. IL-5 is primarily produced by CD4+ Th2 cells, but also by activated eosinophils, mast cells, EBV-transformed B cells, Reed-Sternberg cells in Hodgkin
Pathways:	JAK-STAT Signaling, Positive Regulation of Peptide Hormone Secretion, Production of Molecular Mediator of Immune Response, Feeding Behaviour

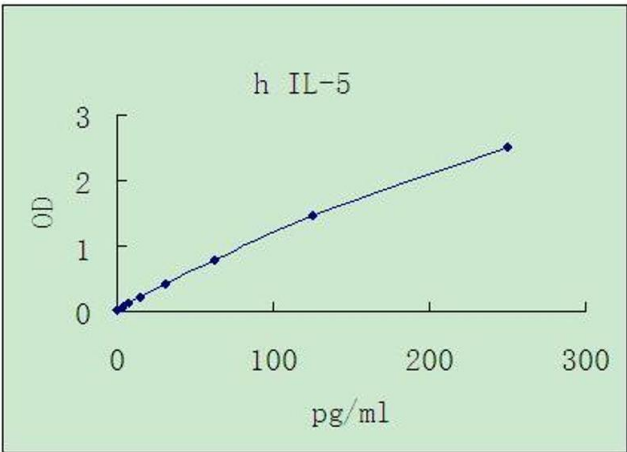
Application Details

Application Notes:	Detection Wavelength: 450 nm
Sample Volume:	20 μ L
Assay Time:	3 h
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	4 $^{\circ}$ C
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Images



ELISA

Image 1.