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## Datasheet for ABIN2648706 IL-9 ELISA Kit



Overview	
Quantity:	96 tests
Target:	IL-9 (IL9)
Reactivity:	Human
Application:	ELISA
Product Details	
Purpose:	Human Interleukin 9 (IL-9) ELISA Assay Kit (enzyme-linked immunoassay kit) is intended for the quantitative determination of human Interleukin 9 (IL-9) 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 9 (IL-9) ELISA Assay Kit is for research use only and not to be used in diagnostic procedures.
Target Details	

Target:	IL-9 (IL9)
Alternative Name:	IL-9 (IL9 Products)
Pathways:	JAK-STAT Signaling

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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:	Human Interleukin 9 (IL-9) ELISA Assay Kit employs the quantitative sandwich enzyme immunoassay technique. A monoclonal antibody specific for IL-9 has been pre-coated onto a
	microplate. Standards and samples are pipetted into the wells and any IL-9 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-9 is added to the wells and binds to the
	combination of capture antibody- IL-9 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-9 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-9 standard dilutions and IL-9 sample concentration determined.
Restrictions:	For Research Use only
Handling	
Storage:	4 °C

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