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Datasheet for ABIN6730183 **IL4 Receptor ELISA Kit**



Overview

Quantity:	96 tests
Target:	IL4 Receptor (IL4R)
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	Mouse IL-4 R alpha ELISA Kit.
Sample Type:	Cell Culture Supernatant, Cell Samples, Plasma, Serum, Tissue Lysate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This ELISA antibody pair recognizes Mouse IL-4 R alpha.
Characteristics:	 Strip plates and additional reagents allow for use in multiple experiments Quantitative protein detection Establishes normal range The best products for confirmation of antibody array data
Components:	 Pre-Coated 96-well Strip Microplate Wash Buffer Stop Solution Assay Diluent(s) Lyophilized Standard Biotinylated Detection Antibody

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	Streptavidin-Conjugated HRPTMB One-Step Substrate
Material not included:	Distilled or deionized water
	 Precision pipettes to deliver 2 µl to 1 µl volumes
	 Adjustable 1-25 µl pipettes for reagent preparation
	 100 µl and 1 liter graduated cylinders
	Tubes to prepare standard and sample dilutions
	Absorbent paper
	Microplate reader capable of measuring absorbance at 450nm
	Log-log graph paper or computer and software for ELISA data analysis

Target Details

Target:	IL4 Receptor (IL4R)
Alternative Name:	IL-4 R alpha (IL4R Products)
UniProt:	P16382
Pathways:	JAK-STAT Signaling, Positive Regulation of Immune Effector Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Protocol:	1. Prepare all reagents, samples and standards as instructed in the manual.
	2. Add 100 μ l of standard or sample to each well.
	3. Incubate 2.5 h at RT or O/N at 4°C.
	4. Add 100 µl of prepared biotin antibody to each well.
	5. Incubate 1 h at RT.
	6. Add 100 μ l of prepared Streptavidin solution to each well.
	7. Incubate 45 min at RT.
	8. Add 100 μ l of TMB One-Step Substrate Reagent to each well.
	9. Incubate 30 min at RT.
	10. Add 50 μl of Stop Solution to each well.
	11. Read at 450 nm immediately.
Restrictions:	For Research Use only
Handling	
Storage Comment:	The entire kit may be stored at -20°C for up to 1 year from the date of shipment. Avoid repeate
	freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it is
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Expiry Date:

6 months

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