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Datasheet for ABIN6720283 IL-31 ELISA Kit

Image



Overview

Quantity:	1 kit
Target:	IL-31 (IL31)
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 pg/mL
Application:	ELISA

## Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	Synonyms: IL-31, IL31, IL31_HUMAN, Interleukin-31 Background: Interleukin-31, also known as IL-31 is a protein that in humans is encoded by the IL31 gene. The IL31 gene is mapped to chromosome 12q24.31 and the mouse gene maps to a syntenic region on chromosome 5. IL31, which is made principally by activated Th2-type T cells, interacts with a heterodimeric receptor consisting of IL31RA and OSMR that is constitutively expressed on epithelial cells and keratinocytes. IL31 may be involved in the promotion of allergic skin disorders and in regulating other allergic diseases, such as asthma. Gene Name: IL31

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Standard: Expression system for standard: E.coli, Immunogen sequence: T24-C163

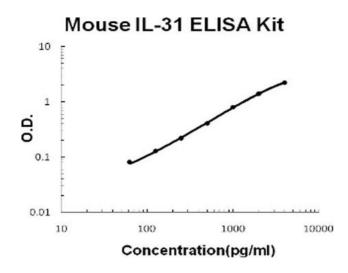
#### Target Details

Target:	IL-31 (IL31)
Alternative Name:	IL-31 (IL31 Products)
Gene ID:	76399
NCBI Accession:	NP_083870
UniProt:	Q6EAL8

### Application Details

Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot
	0.1 mL per well of the 4000pg/mL, 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL,
	62.5pg/mL mouse IL-31 standard solutions into the precoated 96-well plate. Add 0.1 mL of the
	sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted
	sample of mouse cell culture supernates, serum or plasma(heparin, EDTA) to each empty well.
	It is recommended that each mouse IL-31 standard solution and each sample be measured in
	duplicate.
	Blood Product Anticoagulant: Heparin Sodium
	ELISA Dilution: 62.5pg/mL-4000pg/mL
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only
Handling	
Storage:	RT,4 °C,-20 °C
Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at
	room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only
	prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid
	cycles of freezing and thawing.

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#### **ELISA**

**Image 1.** Mouse IL-31 Accusignal ELISA Kit Mouse IL-31 AccuSignal ELISA Kit standard curve. Assay Range: 62.5pg/ml-4000pg/ml. Sensitivity: <10pg/ml.

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