

Product Datasheet

Mouse IL-23 ELISA Kit (Colorimetric) **NBP2-31050**

Unit Size: 1 Kit

Storage is content dependent.

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NBP2-31050

Mouse IL-23 ELISA Kit (Colorimetric)

Product Information

Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage is content dependent.

Product Description

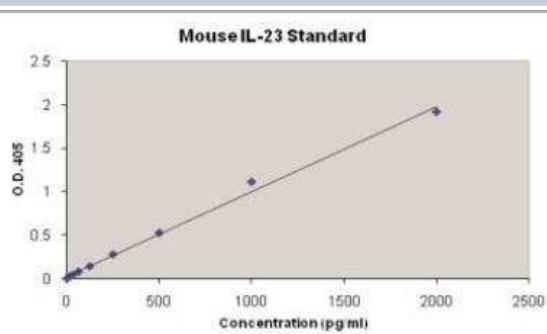
Gene ID	51561
Gene Symbol	IL23A
Species	Mouse
Specificity/Sensitivity	Measures free mouse IL-23 in the supernatant of activated cells.
Kit Components	100X Capture Antibody* 250 µl, 100X Detection Antibody* 250 µl, BSA 4 x 0.5 g, 20X Wash Buffer 50 ml, Coating Buffer 25 ml, 10X Blocking Buffer 20 ml, HRP-Conjugated Streptavidin 10 µl, ABTS Substrate 2 x 12 ml, Recombinant IL-23 Standard 1 vial lyophilized (0.1 µg), ELISA Strip Well Plates 2, Manual 1
Notes	The IL-12/IL-23 standard protein was produced in insect cells infected with baculovirus.
Standard Curve Range	31.25-1000 pg/ml
Sensitivity	8 pg/ml
Assay Type	Sandwich ELISA
Suitable Sample Type	Cell supernatant
Sample Volume	0.1 ml

Product Application Details

Applications	ELISA
Recommended Dilutions	ELISA
Application Notes	The Mouse IL-23 ActivELISA(TM) Kit measures free IL-23 in the supernatant of activated cells. Standard protocols for detecting IL-23 activity include ELISA and Western Blot. The IL-23 ActivELISA(TM) can be completed in one day using a sandwich ELISA protocol. The anti-p19 antibody is coated on a plate which then captures free IL-23. The amount of bound IL-23 is detected by adding a second biotinylated anti-p40 antibody followed by HRP-conjugated streptavidin. ABTS substrate is then added and the concentration is determined by colorimetric detection in an ELISA plate reader.

Images

ELISA: Mouse IL-23 ELISA Kit (Colorimetric) [NBP2-31050] - Standard curve using the IL-23 standard.



Publications

Vossenkamper A, Marches O, Fairclough PD et al. Inhibition of NF- κ B signaling in human dendritic cells by the enteropathogenic Escherichia coli effector protein NleE. *J Immunol*. 2010-10-01 [PMID: 20833837] (Human)

Details:

Nuclear and cytosolic extracts from monocyte derived human dendritic cells in the presence of EPEC LPS, Fig 3D.

Kondo A, Yamashita T, Tamura H et al. Interferon-gamma and tumor necrosis factor-alpha induce an immunoinhibitory molecule, B7-H1, via nuclear factor- κ B activation in blasts in myelodysplastic syndromes. *Blood*. 2010-08-19 [PMID: 20472834]

Details:

NF- κ B/p65 ActivELISA (IMK-503) kit and Nuclear extraction kit (10081K). SKM-1 leukemic cells were separated into cytoplasmic and nuclear fractions then subject to western blot analysis, Fig 2A &B.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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