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Datasheet for ABIN6720134 **Myeloperoxidase ELISA Kit**

Image



Overview

Quantity:	1 kit
Target:	Myeloperoxidase (MPO)
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	156 pg/mL - 10000 pg/mL
Minimum Detection Limit:	156 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: 84 kDa myeloperoxidase, 89 kDa myeloperoxidase, MPO, MPO Myeloperoxidase, Myeloperoxidase, Myeloperoxidase heavy chain, Myeloperoxidase light chain, PERM_HUMAN Background: Myeloperoxidase(MPO) is a mammalian phagocyte hemoprotein thought to primarily mediate host defense reactions. It is abundantly expressed in neutrophils and secreted during their activation. Myeloperoxidase is part of the host defense system of human polymorphonuclear leukocytes, responsible for microbicidal activity against a wide range of organisms. It is located in the nucleus as well as in the cytoplasm. Intranuclear MPO may help to protect DNA against damage resulting from oxygen radicals produced during myeloid cell

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6720134 | 09/10/2023 | Copyright antibodies-online. All rights reserved. maturation and function. Gene Name: MPO Production: Natural and recombinant mouse MPO. There is no detectable cross-reactivity with other relevant proteins. Standard: Expression system for standard: NSO, Immunogen sequence: M16-T718

Target Details

Target:	Myeloperoxidase (MPO)
Alternative Name:	MPO (MPO Products)
Gene ID:	17523
NCBI Accession:	NP_034954
UniProt:	P11247
Pathways:	Chromatin Binding

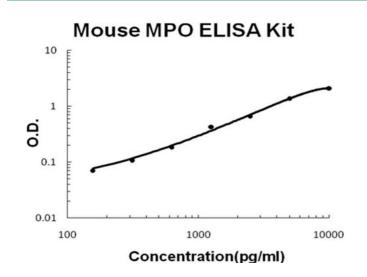
Application Details

Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot
	0.1 mL per well of the 10000pg/mL, 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL,
	312pg/mL, 156pg/mL mouse MPO 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, cell lysates, tissue homogenates,
	serum or plasma(heparin, EDTA) to each empty well. It is recommended that each mouse MPO
	standard solution and each sample be measured in duplicate.
	Blood Product Anticoagulant: Heparin Sodium
	ELISA Dilution: 156pg/mL-10000pg/mL
	Other Performance Data: DOE: 2-8° C- 2/7/18 -20° C - 8/8/18
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only
Handling	
Storage:	RT,4 °C,-20 °C

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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.

Images



ELISA

Image 1. Mouse MPO Accusignal ELISA Kit Mouse MPOAccuSignal ELISA Kit standard curve. AssayRange: 156pg/ml-10000pg/ml. Sensitivity: <10pg/ml.</td>