

Datasheet for ABIN5510590

**MIF ELISA Kit**[Go to Product page](#)**1** Image

## Overview

Quantity:	96 tests
Target:	MIF
Binding Specificity:	AA 2-115
Reactivity:	Monkey
Method Type:	Sandwich ELISA
Application:	ELISA

## Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of monkey primate MIF
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: E.coli Immunogen sequence: P2-A115
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.

## Target Details

Target:	MIF
Alternative Name:	MIF ( <a href="#">MIF Products</a> )
Background:	Background: Macrophage migration inhibitory factor(MIF) is a protein which in humans is

## Target Details

encoded by the MIF gene.<sup>1, 2</sup> This gene is located to monkey primate chromosome 22q11.2.<sup>3</sup> It is remarkably small, it has 3 exons separated by introns of only 189 and 95 bp, and covers less than 1 kb.<sup>4</sup> This gene encodes a lymphokine that may be involved in cell-mediated immunity, immunoregulation, and inflammation.<sup>5</sup> MIF plays a role in the regulation of macrophage function in host defense through the suppression of anti-inflammatory effects of glucocorticoids. This lymphokine and the JAB1 protein might form a complex in the cytosol near the peripheral plasma membrane, which may possibly indicate a role in integrin signaling pathways. MIF also plays a central role in the toxic response to endotoxemia and possibly septic shock. Macrophage migration inhibitory factor has been reported to interact with COP9 constitutive photomorphogenic homolog subunit 5, CD74, BNIPL, and CXCR4.

Synonyms: Macrophage migration inhibitory factor ,MIF ,

Full Gene Name: macrophage migration inhibitory factor (glycosylation-inhibiting factor)

UniProt: [I4AY87](#)

Pathways: [Regulation of Systemic Arterial Blood Pressure by Hormones](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Regulation of Carbohydrate Metabolic Process](#), [Feeding Behaviour](#), [Smooth Muscle Cell Migration](#), [Negative Regulation of intrinsic apoptotic Signaling](#)

## Application Details

Plate: Pre-coated

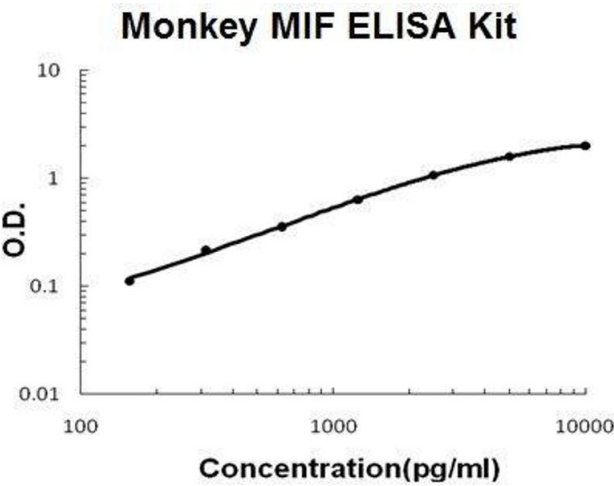
Restrictions: For Research Use only

## Handling

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

Expiry Date: 12 months



**ELISA**

**Image 1.** Monkey Primate MIF PicoKine ELISA Kit standard curve