



Datasheet for ABIN5692221

## TIM3 ELISA Kit



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### 1 Image

#### Overview

Quantity:	96 tests
Target:	TIM3 (TIM 3)
Binding Specificity:	AA 20-193
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	31.2 pg/mL - 2000 pg/mL
Minimum Detection Limit:	31.2 pg/mL
Application:	ELISA

#### Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Mouse TIM-3/HAVCR2. 96wells/kit, with removable strips.
Brand:	PicoKine™
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: NSO, Immunogen sequence: R20-A193
Sensitivity:	< 10 pg/mL
Components:	96-well plate precoated with antibody lyophilized recombinant standard

## Product Details

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biotinylated antibody (dilution 1:100)  
Avidin-Biotin-Peroxidase Complex(ABC)(dilution 1:100)  
Sample diluent buffer  
Antibody diluent buffer  
ABC diluent buffer  
TMB color developing agent  
TMB stop solution  
Adhesive cover

## Target Details

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Target:	TIM3 (TIM 3)
Alternative Name:	Havcr2 ( <a href="#">TIM 3 Products</a> )
Target Type:	Virus
Background:	<p>Synonyms: Hepatitis A virus cellular receptor 2 homolog, HAVcr-2, T-cell immunoglobulin and mucin domain-containing protein 3, TIMD-3, T-cell immunoglobulin mucin receptor 3, TIM-3, T-cell membrane protein 3, Havcr2, Tim3, Timd3</p> <p>Tissue Specificity: Expressed in T-helper type 1 lymphocytes. Not expressed by naive T-cells but up-regulated as they differentiate into T-helper-1 cells. Also expressed by differentiated type 1 CD8+ cytotoxic T-cells. Expressed on peritoneal exudate macrophages, monocytes, and splenic dendritic cells (DCs). Expression on natural killer (NK) cells is inversely associated with IFN-gamma production during the initial 24 h of LPS-induced endotoxic shock. Expressed on mast cells.</p> <p>Background: Hepatitis A virus cellular receptor 2 (HAVCR2), also known as T-cell immunoglobulin and mucin-domain containing-3 (TIM-3), is a protein that in mice is encoded by the HAVCR2 gene. The protein encoded by this gene belongs to the immunoglobulin superfamily, and TIM family of proteins. CD4-positive T helper lymphocytes can be divided into types 1 (Th1) and 2 (Th2) on the basis of their cytokine secretion patterns. Th1 cells are involved in cell-mediated immunity to intracellular pathogens and delayed-type hypersensitivity reactions, whereas, Th2 cells are involved in the control of extracellular helminthic infections and the promotion of atopic and allergic diseases. This protein is a Th1-specific cell surface protein that regulates macrophage activation, and inhibits Th1-mediated auto- and alloimmune responses, and promotes immunological tolerance.</p> <p>Cellular Localisation: Isoform 1: Membrane, Single-pass type I membrane protein . Cell junction</p>
UniProt:	<a href="#">Q8VIM0</a>

## Target Details

Pathways: [Regulation of Lipid Metabolism by PPARAlpha, Cancer Immune Checkpoints](#)

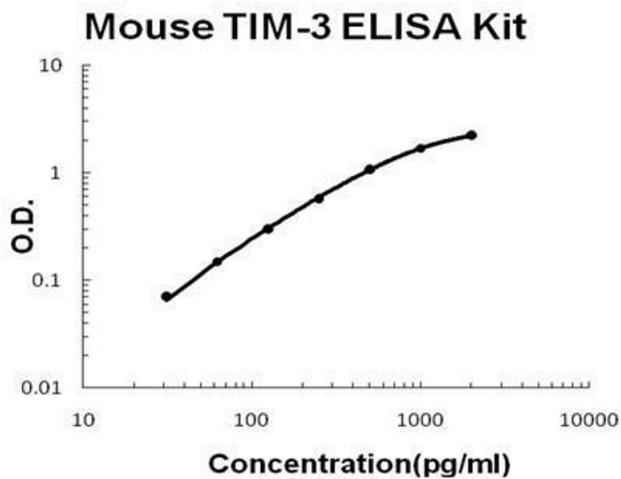
## Application Details

Assay Time:	15 min
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

## Images



### ELISA

**Image 1.** Human TIM-3 PicoKine ELISA Kit standard curve