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Datasheet for ABIN6720075 TLR1 ELISA Kit

Image



#### Overview

Quantity:	1 kit
Target:	TLR1
Reactivity:	Human
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: CD281, CD281 antigen, KIAA0012, LPRS5, rsc786, Similar to Drosophila Toll protein, TIL, TIL. LPRS5, TIr1, TLR1_HUMAN, Toll (Drosophila) homolog, Toll like receptor 1, Toll like receptor 1 Precursor, Toll-like receptor 1, Toll/Interleukin 1 receptor like, Toll/interleukin-1 receptor-like protein Background: TLR1 is a member of the Toll-like receptor family(TLR) of pattern recognition receptors of the innate immune system. TIR1 gene was mapped to 4p14 by fluorescence in situ hybridization. TLR1 recognizes pathogen-associated molecular pattern with a specificity for gram-positive bacteria. TLR1 has also been designated as CD281(cluster of differentiation

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 ABIN6720075 | 09/10/2023 | Copyright antibodies-online. All rights reserved. 281). TLR1 interacts with TLR2 to recognize the lipid configuration of the native mycobacterial lipoprotein as well as several triacylated lipopeptides.
Gene Name: TLR1
Production: Natural and recombinant human TLR1. There is no detectable cross-reactivity with other relevant proteins.
Standard: Expression system for standard: NSO, Immunogen sequence: S22-N578

### Target Details

Target:	TLR1
Alternative Name:	TLR1 (TLR1 Products)
Gene ID:	7096
NCBI Accession:	NP_003254
UniProt:	Q15399
Pathways:	TLR Signaling, Activation of Innate immune Response, Cellular Response to Molecule of
	Bacterial Origin, Toll-Like Receptors Cascades

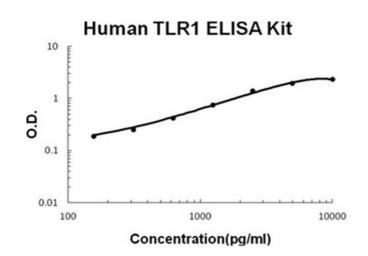
### Application Details

Storage:	RT,4 °C,-20 °C
Handling	
Restrictions:	For Research Use only
Plate:	Pre-coated
Sample Volume:	100 μL
	ELISA Dilution: 156pg/mL-10,000pg/mL
	Blood Product Anticoagulant: Heparin Sodium
	be measured in duplicate.
	each empty well. It is recommended that each human TLR1 standard solution and each sample
	properly diluted sample of human cell culture supernates, serum or plasma(heparin, EDTA) to
	0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each
	312pg/mL, 156pg/mL human TLR1 standard solutions into the precoated 96-well plate. Add
	0.1 mL per well of the 10,000pg/mL, 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL,
Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot

rder at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cu International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN6720075 | 09/10/2023 | Copyright antibodies-online. All rights reserved. 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.

Images



#### **ELISA**

Image 1. Human TLR1 Accusignal ELISA Kit Human TLR1 AccuSignal ELISA Kit standard curve. Assay Range: 156pg/ml-10,000pg/ml. Sensitivity: <10pg/ml.