

Datasheet for ABIN6719884  
**TLR3 ELISA Kit**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	1 kit
Target:	TLR3
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 Lysate, Cell Culture Supernatant, Plasma (EDTA - heparin), Serum, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: CD_antigen=CD283, CD283, IIAE2, Toll like receptor 3</p> <p>Background: Toll-like receptor 3(TLR3) also known as CD283(cluster of differentiation 283) is a protein that in humans is encoded by the TLR3 gene. The TLR3 gene was mapped to chromosome 4q35 by fluorescence in situ hybridization. TLR3 specifically recognizes double-stranded RNA(dsRNA) and induces multiple intracellular events responsible for innate antiviral immunity against a number of viral infections.</p> <p>Gene Name: TLR3</p>

## Product Details

Production: Natural and recombinant human TLR3. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: K27-S711

## Target Details

Target: TLR3

Alternative Name: TLR3 ([TLR3 Products](#))

Gene ID: 7098

NCBI Accession: [NP\\_003256](#)

UniProt: [O15455](#)

Pathways: [TLR Signaling](#), [Activation of Innate immune Response](#), [Hepatitis C](#), [Toll-Like Receptors Cascades](#)

## 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 human TLR3 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 human cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each human TLR3 standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 156 pg/mL-10000pg/mL

Other Performance Data: DOE: 2-8° C - 2/15/18 -20° C - 8/16/18

Sample Volume: 100 µL

Plate: Pre-coated

Restrictions: For Research Use only

## Handling

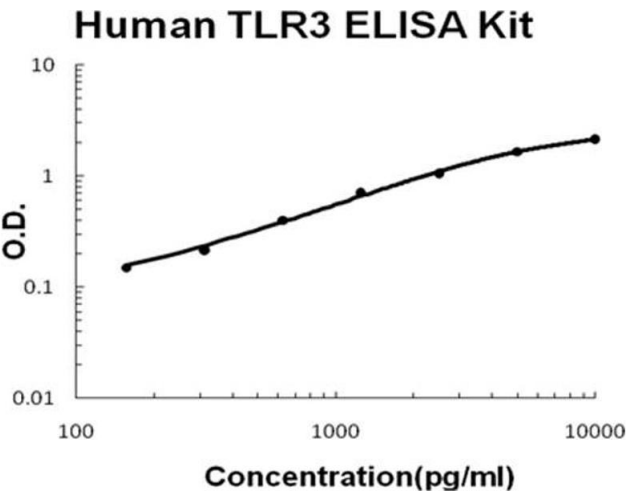
Storage: RT,4 °C,-20 °C

Storage Comment: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at

Handling

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 TLR3 Accusignal ELISA Kit Human TLR3 AccuSignal ELISA Kit standard curve. Assay Range: 156pg/ml-10000pg/ml. Sensitivity: <10pg/ml.