

Datasheet for ABIN6719929

FSTL1 ELISA Kit**1** Image[Go to Product page](#)

Overview

Quantity:	1 kit
Target:	FSTL1
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	312 pg/mL - 20000 pg/mL
Minimum Detection Limit:	312 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:	<p>Synonyms: FLJ50214, FLJ52277, follistatin like 1, follistatin related protein, Follistatin-like protein 1, Follistatin-related protein 1, FRP, FSL1, FSTL1, FSTL1_HUMAN, Micro RNA 198, MIR198, miRNA198 included</p> <p>Background: Follistatin-related protein 1, also called FSTL1 or FRP is a protein that in humans is encoded by the FSTL1 gene. FSTL1 gene is mapped to chromosome 3q13.33 based on an alignment of FSTL1 sequence with the genomic sequence(GRCh37). This gene encodes a protein with similarity to follistatin, an activin-binding protein. It contains an FS module, a follistatin-like sequence containing 10 conserved cysteine residues. This gene product is</p>
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Product Details

thought to be an autoantigen associated with rheumatoid arthritis. This gene may modulate the action of some growth factors on cell proliferation and differentiation. It was suggested that fibroblast-secreted FSTL1 acts on macrophages to increase TNF and IL1B production and IL6 activity.

Gene Name: FSTL1

Production: Natural and recombinant human FSTL1. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: M1-I308

Target Details

Target:	FSTL1
Alternative Name:	FSTL1 (FSTL1 Products)
Gene ID:	11167
NCBI Accession:	NP_009016
UniProt:	Q12841

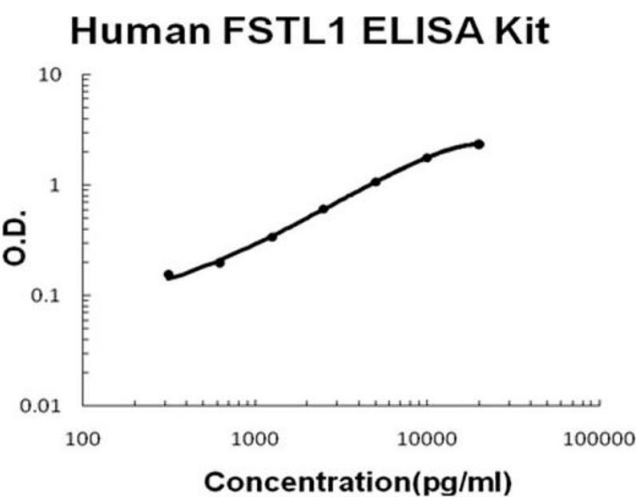
Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 20000pg/mL, 10000pg/mL, 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL, 312pg/mL human FSTL1 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 FSTL1 standard solution and each sample be measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 312pg/mL-20000pg/mL</p> <p>Other Performance Data: DOE: 2-8° C- 5/2/18 -20° C - 11/2/18</p>
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 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 FSTL1 Accusignal ELISA Kit Human FSTL1 AccuSignal ELISA Kit standard curve. Assay Range: 312pg/ml-20000pg/ml. Sensitivity: <10pg/ml.