

Datasheet for ABIN6720277

**FSTL3 ELISA Kit**[Go to Product page](#)**1** Image

## Overview

Quantity:	1 kit
Target:	FSTL3
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 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: FLRG, follistatin-like 3, follistatin-like 3 glycoprotein, Follistatin-like protein 3, Follistatin-related gene protein, Follistatin-related protein 3, FSRP, Fstl3, FSTL3_HUMAN</p> <p>Background: FSTL3(Follistatin-Like 3) also known as FLRG or FOLLISTATIN-RELATED GENE, is a member of the follistatin-module protein family, which is composed of extracellular matrix-associated glycoproteins thought to act in a paracrine manner to bind morphogens or growth/differentiation factors and regulate their activity during development. The FSTL3 gene extends over 7 kbp and contains 5 exons. The FSTL3 gene was localized to chromosome 19p13. This gene involved in hematopoiesis and in differentiation of hemopoietic progenitor</p>

## Product Details

cells, increases hematopoietic cell adhesion to fibronectin and seems to contribute to the adhesion of hematopoietic precursor cells to the bone marrow stroma. It may have a role in leukemogenesis.

Gene Name: FSTL3

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

Standard: Expression system for standard: NSO, Immunogen sequence: M27-V263

## Target Details

Target:	FSTL3
Alternative Name:	FLRG - FSTL3 ( <a href="#">FSTL3 Products</a> )
Gene ID:	10272
NCBI Accession:	<a href="#">NP_005851</a>
UniProt:	<a href="#">O95633</a>

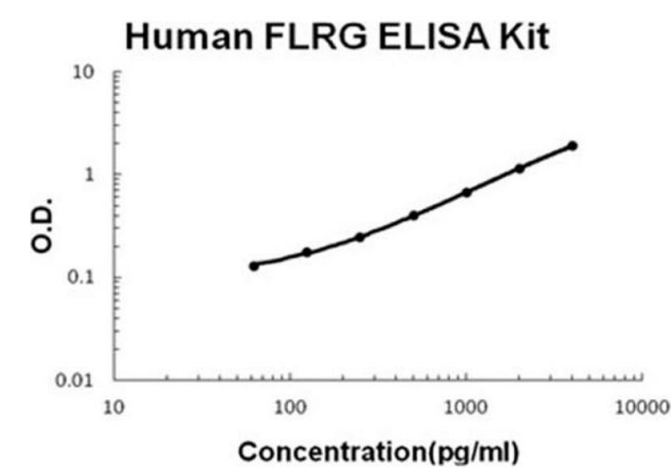
## Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 4000pg/mL, 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL human FLRG 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, plasma(heparin, EDTA), urine or human milk to each empty well. It is recommended that each human FLRG standard solution and each sample be measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 62.5pg/mL-4000pg/mL</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.



**ELISA**

**Image 1.** Human FLRG/FSTL3 AccuSignal ELISA Kit standard curve. Human FLRG/FSTL3 AccuSignal ELISA Kit standard curve. Assay Range: 62.5pg/ml-4000pg/ml. Sensitivity: <10pg/ml.