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# Datasheet for ABIN6719800 Angiopoietin 1 ELISA Kit

Image

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#### Overview

Quantity:	1 kit
Target:	Angiopoietin 1 (ANGPT1)
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:	Breast Milk, Cell Culture Supernatant, Plasma (EDTA - heparin), Saliva, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	Synonyms: 1110046021Rik, AGP 1, AGP1, AGPT, ANG 1, ANG1, Angiopoietin1, ANGPT 1, ANGPT1, KIAA0003 Background: Angiopoietin 1, also called ANG1 is a type of angiopoietin and is encoded by the gene ANGPT1. Angiopoietins are proteins with important roles in vascular development and angiogenesis. All angiopoietins bind with similar affinity to an endothelial cell-specific tyrosine- protein kinase receptor. This gene was mapped to 8q23.1. The protein encoded by this gene is a secreted glycoprotein that activates the receptor by inducing its tyrosine phosphorylation. It plays a critical role in mediating reciprocal interactions between the endothelium and

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 ABIN6719800 | 09/28/2023 | Copyright antibodies-online. All rights reserved. surrounding matrix and mesenchyme and inhibits endothelial permeability. The protein also contributes to blood vessel maturation and stability, and may be involved in early development of the heart. Gene Name: ANGPT1 Production: Natural and recombinant human Angiopoietin-1.There is no detectable crossreactivity with other relevant proteins. Standard: Expression system for standard: NSO, Immunogen sequence: H16-F498

## Target Details

Target:	Angiopoietin 1 (ANGPT1)
Alternative Name:	Angiopoietin-1 (ANGPT1 Products)
Gene ID:	284
NCBI Accession:	NP_001137
UniProt:	Q15389
Pathways:	RTK Signaling, Glycosaminoglycan Metabolic Process

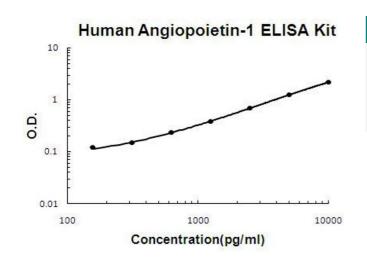
## Application Details

Storage:	RT,4 °C,-20 °C
Handling	
Restrictions:	For Research Use only
Plate:	Pre-coated
Sample Volume:	100 μL
	ELISA Dilution: 156pg/mL-10000pg/mL
	Blood Product Anticoagulant: Heparin Sodium
	standard solution and each sample be measured in duplicate.
	saliva or human milk to each empty well. It is recommended that each human Angiopoietin-1
	each properly diluted sample of human cell culture supernates, serum, plasma(heparin, EDTA),
	plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of
	312pg/mL, 156pg/mL human Angiopoietin-1 standard solutions into the precoated 96-well
	0.1 mL per well of the 10000pg/mL, 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL,
Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot

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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 Angiopoietin-1 Accusignal ELISA Kit Human Angiopoietin-1 AccuSignal ELISA Kit standard curve. Assay Range: 156pg/ml-10000pg/ml. Sensitivity: <10pg/ml.