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Datasheet for ABIN6720265 ANG ELISA Kit

Image



### Overview

Quantity:	1 kit
Target:	ANG
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	78 pg/mL - 5000 pg/mL
Minimum Detection Limit:	78 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: ALS9, ANG, ANG 1, ANG I, ANG1, ANGI, Angiogenin ribonuclease RNase A family 5, Epididymis luminal protein 168, HEL168, MGC22466, MGC71966, Ribonuclease 5, Ribonuclease RNase A Family 5, Ribonuclease5, RNASE 5, RNASE4, RNASE5 Background: Angiogenin(Ang) also known as ribonuclease 5 is a protein that in humans is encoded by the ANG gene. Angiogenin is a potent stimulator of new blood vessel formation. It hydrolyzes cellular tRNAs resulting in decreased protein synthesis and is similar to pancreatic ribonuclease. Hooper et al.(2003) reviewed the evidence that angiogenins are involved in host
	defense and noted that inflammation provokes upregulated ANG mRNA expression in liver 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 ABIN6720265 | 09/28/2023 | Copyright antibodies-online. All rights reserved. an increase in detectable ANG protein in serum. Weremowicz et al.(1989, 1990) assigned the human angiogenin gene to chromosome 14q11. Gene Name: ANG Production: Natural and recombinant human ANG. There is no detectable cross-reactivity with other relevant proteins. Standard: Expression system for standard: E.coli, Immunogen sequence: Q25-P147

## Target Details

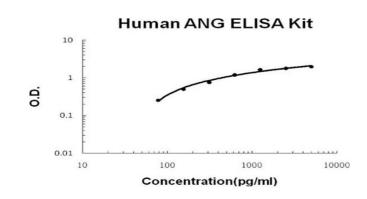
Target:	ANG
Alternative Name:	ANG (ANG Products)
Gene ID:	283
NCBI Accession:	NP_001091046
UniProt:	P03950

## Application Details

Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot
	0.1 mL per well of the 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL, 312pg/mL, 156pg/mL,
	78pg/mL human ANG 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 ANG standard solution and each sample be measured in
	duplicate.
	Blood Product Anticoagulant: Heparin Sodium
	ELISA Dilution: 78pg/mL-5000pg/mL
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

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#### Images



#### ELISA

**Image 1.** Human ANG Accusignal ELISA Kit Human ANG AccuSignal ELISA Kit standard curve. Assay Range: 78pg/ml-5000pg/ml. Sensitivity: <12pg/ml.