

Datasheet for ABIN6720398

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

## Overview

Quantity:	1 kit
Target:	Angiostatin (ANG)
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 Supernatant, Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: Ang K1-3</p> <p>Background: Ang K1-3 is a single, non-glycosylated polypeptide chain containing 259 amino acids. It represents a proteolytic fragment of plasminogen containing the first three kringle structures. Ang K1-3 reduces endothelial cell proliferation and acts as a potent inhibitor of angiogenesis and tumor growth. It displays increased inhibitory activity(<math>ED_{50}</math> = 70 nM) relative to kringles 1-4(<math>ED_{50}</math> = 135 nM).</p> <p>Gene Name: PLG</p> <p>Production: Natural and recombinant human Angiostatin K1-3. There is no detectable cross-</p>

## Product Details

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reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: V98-S355(K1-3)

## Target Details

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Target: Angiostatin (ANG)

Alternative Name: Angiostatin K1-3 ([ANG Products](#))

Gene ID: 5340

NCBI Accession: [NP\\_000292](#)

UniProt: [P00747](#)

Pathways: [Lipid Metabolism](#)

## Application Details

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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 Angiostatin K1-3 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 serum, plasma or cell culture supernates to each empty well. It is recommended that each human Angiostatin K1-3 standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

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

Sample Volume: 100  $\mu$ L

Plate: Pre-coated

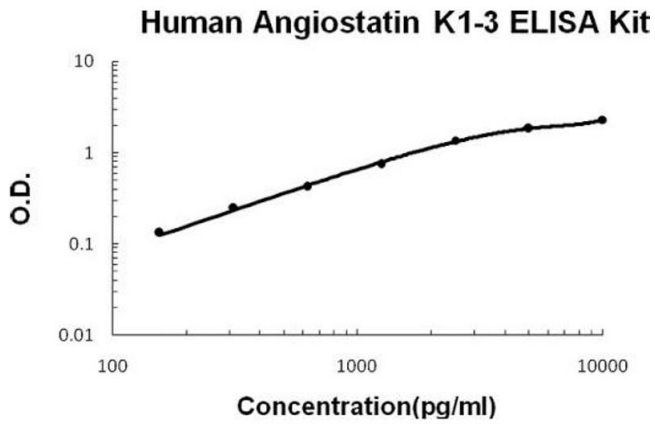
Restrictions: For Research Use only

## Handling

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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 Angiostatin K1-3 Accusignal ELISA Kit  
Human Angiostatin K1-3 AccuSignal ELISA Kit standard curve. Assay Range: 156pg/ml-10000pg/ml.  
Sensitivity: <10pg/ml.