



Human Endostatin,ES ELISA Kit

Product Code	CSB-E07973h
Abbreviation	ES
Protein Biological Process 1	Cell Adhesion
Target Name	Endostatin,ES
Alias	FLJ27325, FLJ34914, KNO, KNO1, MGC74745, alpha 1 type XVIII collagen antiangiogenic agent endostatin multi-functional protein MFP
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Protein Biological Process 3	Cell Adhesion
Sample Types	serum, plasma, tissue homogenates
Detection Range	15.6 pg/ml -1000 pg/ml
Sensitivity	3.9 pg/ml
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Cardiovascular
Gene Names	COL18A1

Description

The product CSB-E07973h is a sandwich ELISA kit developed to measure levels of human endostatin (ES) in serum, plasma, or tissue homogenates. The enzyme-substrate chromogenic reaction is also used to amplify the signal and quantify the levels of the analyte through the intensity of the colored product. The color intensity positively correlates with the amount of endostatin bound in the initial step.

Endostatin, a 20-kDa C-terminal cleavage product of type XVIII collagen, is an endogenous inhibitor known for its ability to inhibit the proliferation and migration of endothelial cells, angiogenesis, and tumor growth. Studies have proved that circulating endostatin increases significantly in patients with kidney and heart failure and may also contribute to disease progression. Endostatin inhibits angiogenesis by directly binding to both VEGFR1 and VEGFR2 and blocking VEGF interaction with Flt-1 and Flk-1 to prevent VEGF-induced tyrosine phosphorylation of VEGFR1 and VEGFR2 and all downstream signaling events.



Product Precision

Linearity

Recovery

Typical

Msds

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