

Angiostatin Human

CATALOG #: 4919-100 100 µg
4919-500 500 µg

SOURCE: Human plasma. Prepared from fluid that has been shown by certified tests to be negative for HBsAg, HIV, STS, and for antibodies to HCV, HBcore, HTLV I & II.

PURITY: >95% by SDS-PAGE (appears as a doublet due to the presence of two carbohydrate variants)

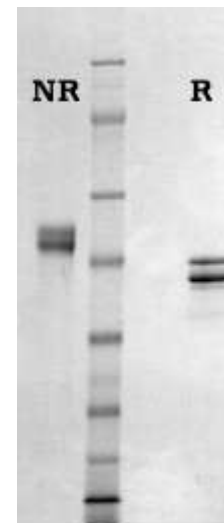
MOL. WEIGHT: 50,000

FORM: Liquid. In 20 mM HEPES, 150 mM NaCl, pH 7.4

CONCENTRATION: ~ 7.0 – 8.0 mg/ml

STORAGE CONDITIONS: -80°C. Avoid repeated freeze-thaw cycles.

DESCRIPTION: Angiostatin is a proteolytic fragment of plasminogen constituting kringles 1 - 4. It is a potent angiogenesis inhibitor and the inhibition of angiogenesis by angiostatin is directly related to inhibiting the proliferation of endothelial cells. Human Angiostatin significantly inhibits bFGF-induced endothelial cell proliferation and migration at concentrations ranging from 300 nM – 1.0 µM.



Gel: Novex 4-12% Bis-Tris

Load: Human Angiostatin, 1 µg per lane; Non-reduced (NR); Reduced (R).

Buffer: MOPS

Standard: SeeBluePlus 2; Myosin (191 kDa), Phosphorylase B (97 kDa), BSA (64 kDa), Glutamic Dehydrogenase (51 kDa), Alcohol Dehydrogenase (39 kDa), Carbonic Anhydrase (28 kDa), Myoglobin Red (19 kDa), Lysozyme (14 kDa)

RELATED PRODUCTS:

- Angiostatin K1-3, human recombinant (**Cat. No. 4920-20, 100, 1000**)
- Endostatin, Human Recombinant (**Cat. No. 4799-100, 1000**)

FOR RESEARCH USE ONLY! Not to be used on humans.