



Catalog: OM297524

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# Fibronectin Bovine

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☐ 200µg ☐ 1mg ☐ 10mg

## Product profile

Product name	Fibronectin Bovine
Product description	Plasma fibronectin level is elevated in severe coronary artery disease. Increased plasma fibronectin levels are related with venous thromboembolism (VTE) particularly in males, and extend the probable association between biomarkers and risk factors for arterial atherothrombosis and VTE. Fibronectin plays a role in several cellular processes, including tissue repair, embryogenesis, blood clotting, and cell migration/adhesion. Fibronectin consists in two main forms: 1) as an insoluble glycoprotein dimer that serves as a linker in the extracellular matrix and 2) as a soluble disulphide linked dimer found in the plasma. The plasma form is produced by hepatocytes, and the ECM form is synthesized by fibroblasts, chondrocytes, endothelial cells, macrophages, as well as certain epithelial cells. Fibronectin also takes part as a general cell adhesion molecule by anchoring cells to collagen or proteoglycan substrates. Fibronectin organizes cellular interaction with the ECM by binding to different components of the extracellular matrix and to membrane-bound Fibronectin receptors on cell surfaces. Molecular Weight 220kDa.

## Target Information

Source	Bovine Plasma.
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## Additional Information

Storage Instructions	Lyophilized bovine Fibronectin although stable at room temperature for 1 week, should be stored desiccated below -18°C.
Storage Buffer	The Bovine Fibronectin was lyophilized from a concentrated 1mg/ml solution containing 0.05M Tris Cl pH-7.5 and 0.1M NaCl.
Note	The product is for research use only, not for use in diagnostic or therapeutic procedures.

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This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1

year from date of receipt

