

Fibronectin Rat

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.

Source: Rat Plasma.

Physical Appearance: Sterile Filtered White lyophilized (freeze-dried) powder.

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:

The Rat Fibronectin was lyophilized from a concentrated 1mg/ml solution containing 20mM Tris Cl pH-7.5.

Stability:

Store the lyophilized fibronectin at 4°C. Upon reconstitution fibronectin should be stored at 4°C for 2 weeks and for future use below -18°C. Please prevent freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:

It is recommended to reconstitute the lyophilized Rat Fibronectin in sterile 18M-cm H₂O not less than 100

To place an order, please [Click HERE](#).

Catalog #: PRPS-138

For research use only.