



Human Fibronectin Solution, Virus Inactivated, Research Grade

Tubes (1 mg) Cat. # AR1049-0001 | Bottles (5 mg) Cat. # AR1049-0005 | Protein Concentration (1 mg/mL)

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Precautions:

- Prior to use, thaw the fibronectin solution completely at 2-8 °C. This can be done up to 24 hours in advance.
- This protein solution is sensitive to physical perturbations. Do not vortex or handle roughly. Do not pipette to resuspend the fibronectin as this may cause the protein to irreversibly precipitate out of solution.
- Optimal concentration levels depend upon cell type/line, application and research objectives.
- It is recommended to review the extensive literature concerning cell culture media and its supplementation and the physiological parameters required for each specific cell line as per their essential requirements.

Recommended Coating Procedure:

1. Prior to use, thaw the fibronectin solution completely at 2-8 °C. This can be done up to 24 hours in advance.
2. Dilute the Fibronectin Solution to desired concentration using PBS, generally in the range of 1-10 µg/mL.
3. Add enough volume of Human Fibronectin Solution to cover the bottom of the culture vessel and incubate at 37 °C for at least 30 minutes before seeding the cells.
4. Aspirate solution and rinse the culture vessel with sterile PBS.
5. Add cells to culture vessel.
6. Culture and analyze cells as necessary according to experimental protocol.