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Certificate of Analysis

Attachment Factor Solution (AFS) is a sterile filtered solution of attachment factor. It is used as a substrate for plating and spreading of endothelial cells. AFS is used for coating cell culture flasks, dishes and multi-well plates.

Product Name: PrimaPure™ Attachment Factor Solution
Quantity: 100 ml
Cat. No.: PR123100

Quality Control:

Bioassay: Each lot is tested for its ability to promote plating, spreading and growth of established HMVEC culture in HMVEC Growth Medium.
Sterility Test: Negative for bacteria, yeast and fungi.

Procedure for Coating Tissue Culture Ware:

1. Swirl the Attachment Factor Solution (AFS) bottle a few times to form a homogeneous solution.
2. Disinfect the exterior of the bottle with 70% alcohol and wipe dry in a sterile hood.
3. Add 7.5 ml of AFS* to a T-75 flask and rock the flask gently to distribute the solution evenly to cover the whole culture surface.
4. Coat the culture ware surface for 30 minutes at 37 °C for 2 hours or overnight at room temperature.
5. Remove the AFS by aspiration in a sterile hood. The coated flask can be used immediately or stored at 4°C for up to 2 weeks.
6. Prepare the coated flask for subculturing by pipetting 15 ml of Growth Medium into this coated T-75 flask and wait for seeding.

*The coating concentration is 1 ml per 10 cm² surface area of the cell culture ware:

- 2.5 ml for coating a T-25 flask or a 60 mm tissue culture dish.
- 7.5 ml for coating a T-75 flask or a 100 mm tissue culture dish.

Storage and Stability: Avoid exposure to light. Stable for 6 months at 4°C.