

EHS Matrix (Matrigel) Coating Solution

EHS Matrix (Matrigel) Coating Solution (ready-to-use)

Product Description:

EHS Matrix (Matrigel) Coating Solution (ready-to-use) is formulated using DMEM-F12 medium containing a soluble, growth factor reduced basement membrane extract, which is purified from murine Engelbreth-Holm-Swarm (EHS) tumor. Major components include laminin, collagen IV, entactin and heparin sulfate proteoglycan. This matrix was developed to offer several cells an optimized microenvironment especially lymphatic endothelial cells. Together with our Cellovations® Microvascular Endothelial Cell Growth Medium enhanced ready to use we offer a system to cultivate human lymphatic endothelial cells as well as several other cells.

Our EHS Matrix (Matrigel) Coating Solution (ready-to-use) can be used for other primary cells under reduced serum conditions.

Product Specification:

| | |
|--------------------|---|
| Source: | murine Engelbreth-Holm-Swarm (EHS) tumor one month from date of thawing at 4°C |
| Shelf Life: | -80°C for long term storage |
| Storage: | No bacterial or fungal growth is detected. Negative for the presence of mycoplasma |
| Sterility testing: | and 31 pathogens and viruses, including LDEV, as demonstrated by PCR. < 0.02 EU/mL by LAL assay. |
| Endotoxin level: | 150ug/mL |
| Matrix protein: | |

Sterility Testing:

This product has been tested for 14 days after incubation in a 37°C incubator. It is free of bacterial and fungal contamination. Product has shown to be negative with respect to mycoplasma contamination by Real-Time PCR.

Product Information

| | |
|-------------------|---|
| Catalogue number: | PB-LU-006-0000-100 |
| Product: | EHS Matrix (Matrigel) Coating Solution (ready-to-use) |
| Size: | 100 ml |

For research use only - Not for use in humans or animals!

ORDER UNDER sales@pelobiotech.com or FAX + 49 (0)89 517 286 59 88

How to use:

Applications: Culture wares surface coating:

1. Unthawed EHS Matrix (Matrigel) Coating Solution should be stored in a -80Freezer for long term storage
2. Thawing the Coating Solution in a 4C refrigerator one night before using, and the thawed coating solution is stable at 4°C for one month
3. Add adequate EHS Matrix (Matrigel) Coating Solution to the culture wares (2ml or 3ml for T25 or T75 flask each) and leave the flasks in a 37C incubator for at least 1hr (better overnight).
4. No need to wash the flasks with PBS before using it. You can re-use the Matrigel one more time if you prefer (overnight coating).

| Culture Wares | Area (cm ²) | Stem Cell Matrix XF Vol (ml) |
|---------------|-------------------------|---------------------------------|
| 96 well | 0,143 | 0,025 |
| 24 well | 0,3 | 0,05 |
| 12 well | 1,12 | 0,11 |
| 6 well | 4,67 | 0,5 |
| 75 mm insert | 44 | 4,4 |
| T25 | 25 | 2,5 |
| T75 | 75 | 7,5 |

ORDER UNDER sales@pelobiotech.com or FAX + 49 (0)89 517 286 59 88