

## CERTIFICATE OF ANALYSIS

**PRODUCT:** Corning® Matrigel® Basement Membrane Matrix, 10 ml vial  
**CATALOG NUMBER:** 354234

**LOT NUMBER:** 15223001

**SOURCE:** Engelbreth-Holm-Swarm (EHS) Mouse Tumor  
**FORMULATION:** Dulbecco's Modified Eagle's Medium with 50 µg/ml gentamycin  
Corning Matrigel Basement Membrane Matrix is compatible with all culture media  
**STORAGE:** Store at -20°C. Avoid multiple freeze-thaws. Do not store in frost-free freezer. **KEEP FROZEN.**

### QUALITY CONTROL:

| Specification         | Criteria  | Result   |
|-----------------------|---|----------|
| Protein Concentration | Results obtained by Lowry method and represented in mg/ml.  | 9.4      |
| Endotoxin             | Endotoxin units (EU)/ml are measured by Limulus Amoebocyte Lysate assay.  | <1.5     |
| Gelling               | Tested for ability to gel quickly and maintain this form with culture medium for a period of 14 days at 37°C.   | PASS     |
| Biological Activity   | Biological activity is determined using a neurite outgrowth assay. Chick dorsal root ganglia are plated on a 1.0 mm layer of Corning Matrigel Matrix. Tested for a positive neurite outgrowth response after 48 hours without addition of nerve growth factor.  | PASS     |
| Sterility             | Tested for the presence of bacteria, fungi and mycoplasma.  | NEGATIVE |
| MAP Test              | Mouse colonies screened for Sendai, MHV, PVM, TEMV/GDVII, Ectro, Polyoma, MRV/EDIM, LCM, MCMV, M.Ad, Reo, MPV, LDEV/LDHV, MTV, Hantaan, K, RCMV, CARB   | NEGATIVE |
| PCR Test              | Tumor source tested for <i>Mycoplasma spp.</i> , <i>Helicobacter</i> , LDEV/LDHV, Sendai, MHV, PVM, MMV/MVM, MPV, Reo (1, 2, 3), MRV/EDIM, Ectro, LCM, K, MTV, Polyoma, Hantaan, Seoul, M. Ad (1, 2), MCMV, Norovirus, TMEV/GDVII, KRV, Toolan's H-1, RCV/SDA<br>Finished goods tested for LDEV/LDHV. | NEGATIVE |

**SAFETY RECOMMENDATION:** Handle in accordance with good industrial hygiene and laboratory safety practices

Expiration Date: August 5, 2025

Quality Assurance

Elizabeth B Hartigan

Date

July 21, 2023

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