

CERTIFICATE OF ANALYSIS

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

LOT NUMBER: 21623002

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. | 9.7 |
| 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 Finished goods tested for LDEV/LDHV. | NEGATIVE |

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

Expiration Date: July 31, 2025

Quality Assurance Elizabeth B Hartigan

Date June 29, 2023

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