

## CERTIFICATE OF ANALYSIS

**PRODUCT:** Corning® Matrigel® Basement Membrane Matrix High Concentration, Growth Factor Reduced, 10 ml vial

**CATALOG NUMBER:** 354263

**LOT NUMBER:** 3115926

**SOURCE:** Engelbreth-Holm-Swarm (EHS) Mouse Tumor

**FORMULATION:** Dulbecco's Modified Eagle's Medium with 50 µg/ml gentamycin  
Corning Matrigel Matrix High Concentration 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.	<b>20.83</b>
Endotoxin	Endotoxin units (EU)/ml are measured by Limulus Amoebocyte Lysate assay.	<b>&lt;1.5</b>
Gelling	Tested for ability to gel quickly and maintain this form with culture medium for a period of 14 days at 37°C.	<b>PASS</b>
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.	<b>PASS</b>
Sterility	Tested for the presence of bacteria, fungi and mycoplasma.	<b>NEGATIVE</b>
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	<b>NEGATIVE</b>
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.	<b>NEGATIVE</b>

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

Expiration Date: June 10, 2025

Quality Assurance

Eloisa B Hartigan

Date

May 23, 2023

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