

## CERTIFICATE OF ANALYSIS

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

**LOT NUMBER:** 18723002

**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.	11.6
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
LDEV/LDHV	Finished goods tested for the presence of Lactate Dehydrogenase-Elevating Virus	NEGATIVE

Mouse colonies and/or tumor source are tested via serology or PCR and found to be negative for the following: LDEV/LDHV, Sendai Virus, Mouse Hepatitis Virus (MHV), Pneumonia Virus of Mice (PVM), Theiler's Virus (TMEV/GDVII), Ectromelia Virus, Polyoma Virus, Epizootic Diarrhea of Infant Mice (EDIM), Lymphocytic Choriomeningitis Virus (LCM), Murine Cytomegalovirus (MCMV), Mouse Adenovirus (1,2), Respiratory Enteric Virus (1, 2, 3), Mouse Parvovirus (MPV), Mouse Thymic Virus (MTV), Hantaan Virus, K Virus, Cilia Associated Respiratory Bacillus (CARB), Mycoplasma pulmonis, Helicobacter Spp., Mouse Minute Virus (MMV), Murine Norovirus.

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

Expiration Date: September 8, 2025

Quality Assurance:

Eugene B. Hartigan

Date:

September 27, 2023

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