

CERTIFICATION OF ANALYSIS

Product: Meisen Matrigel, 5ml vial

Catalog Number: MS0201ZY

Lot Number: 0201FMJ1501

Source: Engelbreth-Holm-Swarm (EHS) Mouse Tumor

Formulation: Dulbecco's Modified Eagle's Medium with Pen-Strip, Meisen Matrigel is compatible with all culture media

Storage: Store at -20°C. Avoid multiple free-thaws. Do not store in frost-free freezer. **KEEP FROZEN**

Quality Control:

| Specification | Criteria | Result |
|-----------------------|---|---------------|
| Protein Concentration | Results obtained by BCA protein assay and represented in mg/ml. | 8.1 |
| Endotoxin | Endotoxin units (EU)/ml are measured by Tachypleus Amoebocyte Lysate assay. | < 3.5 |
| 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 cranial neural crest cells differentiation assay. H9 cells are cultured on 1.0 mm layer of Meisen Matrigel. Tested for a positive cranial neural crest cells after 7 days. | PASS |
| Sterility | Tested for the presence of bacteria, fungi and mycoplasma. | Negative |
| Mouse Test | Mouse colonies screened for Ect, MHV, SV, PVM, Reo-3, MVM, LCMV, HV, TMEV, MAD1, MAD2, POLY, MPV, MCMV, MNV, EDIM, K virus, LDV, MKPV, Salmonella spp., Mycoplasma pulmonis, Corynebacterium kutscheri, Tyzzer's organism, Pasteurella pneumotropica, Klebsiella pneumoniae, Staphylococcus aureus, Pseudomonas aeruginosa, Pathogenic dermal fungi, Yersinia pseudotuberculosis, Yersinia enterocolitica, Streptobacillus moniliformis, Escherichia coli O115 a,C,K(B), Streptococcus pneumoniae, β -hemolyticstreptococcus, Helicobacter, Cilia-Associated Respiratory Bacillus, Corynebacterium bovis. | Negative |
| PCR Test | Finished goods tested for LDEV/LDHV. | Negative |