

CERTIFICATION OF ANALYSIS

Product: Meisen Matrigel, 5ml vial

Catalog Number: MS0102ZY

Lot Number: 0102FMS1302

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.	9.57
Endotoxin	Endotoxin units (EU)/ml are measured by Tachypleus Amoebocyte Lysate assay.	< 2.5
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