

AlphaDermMelanoma

Product Name	AlphaDermMelanoma
Catalog Number	EP002
Product Format	6,12, and 24 well
Storage	37°C



GENERAL INFORMATION

AlphaDermMelanoma is a 3D skin cancer model derived epidermal keratinocytes, normal, human dermal fibroblasts and human malignant melanoma cells. This 3D skin cancer model is manufactured in a GMP lab. This model will enable researchers to a better understand the molecular and cellular mechanisms involved in the progression of cutaneous melanoma. These 3D models have been cultured to form a multilayered, highly differentiated epidermis with melanoma cells at various stages of CM malignancy. At different stages of the culture, the tissue exhibits radial growth phase (RGP), vertical growth phase (VGP), or metastatic melanoma phenotype. The 3D model parallels the progression of melanoma in vivo, thus providing a valuable tool to study, understand, and develop preventive and therapeutic treatments for one of the most serious cutaneous malignancies.

This model can be used for, but not limited to those applications

- 1) Tumor Invasion
- 2) Anti- Melanoma drug screening.