

BACTERIAL ADHESION

Microbiology evaluation

Models

SkinEthic™ RHE / SkinEthic™ HCE
SkinEthic™ HO2E / SkinEthic™ HOE
SkinEthic™ HE / SkinEthic™ HVE
T-Skin™ Full Thickness Skin Model



DESCRIPTION



Amplification and preparation of the strains.



3D models maintained for 24 hours in culture



Contact of different strains with the epidermal skin surface for few hours



Characterization of the strains by RTqPCR for identification in case of medical contamination

- Characterization of the surface energy
- Interaction between bacteria and skin surface by flora counting or scanning electron microscopy

ENDPOINTS

Characterization and analysis of biological substrate biocontamination through RTqPCR, Analysis of the growth curves, measure of the pH medium, bacterial adhesion evaluation.