

## IN VITRO

# EPIDERM™ SKIN CORROSION TEST (OECD TG 431)

### APPLICATIONS

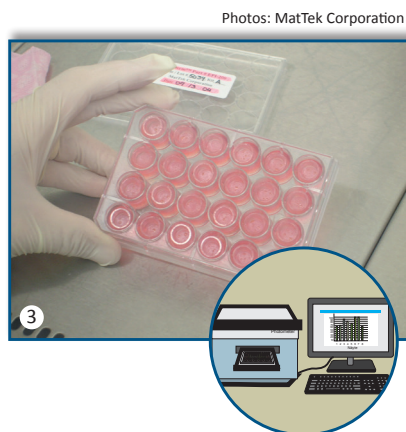
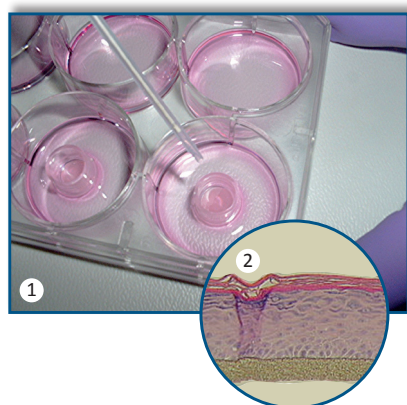
- Evaluation of skin corrosion potential of chemicals (drugs, cosmetics, industrial chemicals, biocides) and mixtures of chemicals

### WE PROVIDE

- Skin corrosion testing in compliance with OECD TG 431 using EpiDerm™ tissue by MatTek Corporation
- GLP and non-GLP testing service

### FEATURES

- Skin corrosion means irreversible damage (loss of cell viability) of the skin following the application of a test substance for 3 and 60 minutes (1 & 2)
- EpiDerm™ Skin corrosion test is performed using human cell based three-dimensional highly differentiated keratinocyte cultures (EpiDerm™ by MatTek Corporation).
- The potential of chemical to induce skin corrosion is an important consideration in establishing procedures for the safe handling, packing and transport of chemicals.
- This skin corrosion test is a stand-alone in vitro alternative to animal skin corrosion testing.
- Tissue viability is determined by the MTT Assay (3)



FICAM is a GLP-certified research and testing laboratory, and the centre of expertise for alternative methods to animal experimentation in Finland. FICAM has a long experience in the use and development of human cell and tissue based test models and methods.

### CONTACT US

Tel +358-50-3186330  
Arvo Ylpön katu 34  
33520 Tampere  
ficam.fi; maaret.vaani@tuni.fi