

PHOTOXICITY

In vitro UVA test

Model
SkinEthic™ RHE

DFC-PRO012/01

DESCRIPTION



Culture inserts equilibration period:
Incubate at least 2 h up to 24h (37°C)



Transfer tissues to fresh medium



Treatment: on 2 tissue replicates per condition (for one condition exposed to UV, get one without UV):

- Compounds solubilized in water: 50 μ L
- Compounds solubilized in oil: 20 μ L + pad
- Positive control: chlorpromazine



Treatment Period: Incubate for 18 h



UVA exposure: 6 J/cm² (remove pad if any previously to exposure)



Rinse UVA exposed and non-exposed tissues: 4 times with 0.5 mL PBS



Incubate tissues in MTT solution for 3 h (37°C)



Isopropanol extraction



Read OD with microplate spectrophotometer

