PHOTOXICITY

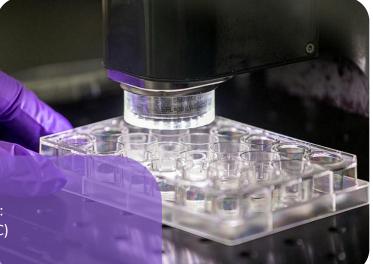
In vitro UVA test



Model

SkinEthicTM RHE

DFC-PRO012/01



DESCRIPTION



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

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Transfer tissues to fresh medium

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

o Compounds solubilized in water: 50 μL

O Compounds solubilized in oil: 20 μL + pad

o Positive control: chlorpromazine

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Treatment Period: Incubate for 18 h

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

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

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

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Isopropanol extraction

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Read OD with microplate spectrophotometer