Oral Irritation
Oral Care Products

Model: SkinEthic™ HOE, SkinEthic™ HGE

**DESCRIPTION**

0.5 cm² reconstituted human oral epithelial tissues were topically exposed in triplicate to 4 commercially available oral care products diluted at 30% (3 toothpastes: products A, B and C, and 1 mouthwash: product D) at 60 µl/cm² for 10 minutes, 1 hour, 3 hours and 24 hours ↓ Wash step to remove the products ↓ Duplicate tissues for cell viability ↓ the third tissue was fixed in formalin 10% and embedded in paraffin for histology analysis (H&E staining)

**TESTED PRODUCTS**

- Toothpaste A: containing SLS
- Toothpaste B: containing SLS and propylene glycol
- Toothpaste C: containing no SLS, no propylene glycol
- Mouthwash D: containing glycerine, lidocaine chlorohydrate

**RESULTS**