



Reconstructed Epidermal Tissues

For testing Skin Corrosion, Irritation, Hydration, Phototoxicity, Differentiation, Metabolism or Percutaneous Absorption of Chemical, Pharmaceutical, Cosmetic or Pesticide Compounds.

Broad selection of reconstructed tissues for safety and efficacy assays:

- **Epidermis model** for testing skin corrosion and irritation, phototoxicity or epidermal differentiation of raw or finished products
- **Psoriasis-like Reconstructed Human Epidermis** for testing the hydration potential of skin care formulation or anti-inflammatory efficacy testing
- **Pigmented Epidermis** for depigmentation assays of whitening skin care formulations and pigmentation assay for studies of UV treatment or chemical modulators
- **Gingival Epithelium** for testing gingival corrosion, irritation or anti-inflammation of oral care product or dental materials
- **Oral Epithelium** for studying irritation, anti-inflammation, metabolism or permeability of oral care product or dental materials
- **Vaginal Epithelium and Bladder Epithelium** for testing irritation of topically applied compounds

Large range of reconstructed human tissues produced by Sterlab

Standard Reconstructed Human Dermis RHD

Age day 5, small (0.5 cm²)



Standard Reconstructed Human Epidermis RHE

Age day 10, 12 or 17, small (0.5 cm²) or large (1.12 cm²) or in 24 well HTS plates



Reconstructed Human Pigmented Epidermis

Age day 10, phototype 2, 4 or 6, small (0.5 cm²) or in 24 well HTS plates



Reconstructed Human Vaginal Epithelium

Age day 5, small (0.5 cm²) or large (4 cm²) or in 24 well HTS plates



Reconstructed Human Bladder Epithelium

Age day 5, small (0.5 cm²) or large (4 cm²) or in 24 well HTS plates



Reconstructed Human Colon Epithelium

Age day 5, small (0.5 cm²) or large (4 cm²) or in 24 well HTS plates



Reconstructed Human Epidermis «psoriasis like»

Age day 17, small (0.5 cm²) or in 24 well HTS plates



Full Thickness Skin Model

0,5–0,7 cm²



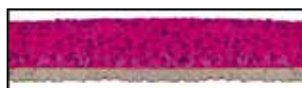
Reconstructed Human Gingival Epithelium

Age day 5, small (0.5 cm²) or in 24 well HTS plates



Reconstructed Human Oral Epithelium

Age day 5, 10, small (0.5 cm²), large (4 cm²) or in 24 well HTS plates



Reconstructed Human Conjunctival Epithelium

Age day 5, small (0.5 cm²) or in 24 well HTS plates



Reconstructed Human Alveolar Epithelium

Age day 5, small (0.5 cm²) or in 24 well HTS plates



Also available from Xenometrix AG: Ex vivo fresh and frozen human skin:



Art. No.	Name	Skin Type
H-F4MS-1	XenoSkin H	Human Skin, full thickness with slight stretch marks
H-F4S-1	XenoSkin H	Human Skin, full thickness with stretch marks
H-D4MS-1	XenoSkin H	Dermatomed human Skin with slight stretch marks
H-D4S-1	XenoSkin H	Dermatomed human Skin with stretch marks
B-F20D-25	XenoNail B Sheet	Single Bovine Nail Sheet
in prep.	XenoSkin P Buccal	Single Pig Buccal Skin
in prep.	XenoSkin P Gingiva	Single Pig Gingiva Skin

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