

Human Skin sheet (dermatomed)	
Lot Skin 240731-A1	Batch Release: August 09, 2024

<b>Day of surgery</b>	January 12, 2023	<b>Day of blood sampling</b>	January 12, 2023
		<b>Time of Surgery</b>	01:00 PM
<b>Gender</b>	female	<b>Age (years)</b>	34
<b>Ethnicity</b>	Caucasian	<b>Phototype</b>	I/II
<b>Size (cm)</b>	172	<b>Weight (kg)</b>	77
<b>BMI (kg/m<sup>2</sup>)</b>	26.0	<b>Diabetes</b>	no
<b>Origin of skin</b>	<ul style="list-style-type: none"> <li>thigh</li> </ul>		
<b>Comments</b>	<ul style="list-style-type: none"> <li>adipose tissue removed; washed in sterile water, vacuum sealed, stored at -80 °C until further processing e.g. dermatomisation</li> </ul>		

Serology	Screening	Results
<b>HIV 1+2</b>	HIV1/2 antibodies, p24 antigen	negative
<b>Hepatitis A</b>	anti-HAV-IgM	negative
<b>Hepatitis B</b>	HBsAg, anti-HBc	negative
<b>Hepatitis C</b>	anti-HCV antibodies	negative

### Dermatomed skin

Product information	Characteristic	
	date of production	July 31, 2024
Diameter/size (disc)	-	
Shape/size (sheet)	Shape: triangle Size: 0.5 x 7 cm x 13 cm = 45cm <sup>2</sup>	
thickness	Approx. 357 µm	
storage	Vacuum sealed, stored at -80 °C	
shelf life	Approx. 6 months from production date	

Skin appearance	Special features	Yes		No
		many	few	
	• stretch marks		x	
	• moles	1		
	• cuts	Some very small		
	• scar			x

Quality control	Criteria	measuring	Results*
	transepidermal water loss (TEWL)	VapoMeter	day of production: 9.2 +/- 1.0 g/m <sup>2</sup> *h (n=3) 7 days after production: 10.1 +/- 0.2 g/m <sup>2</sup> *h (n=2)

\* The TEWL was measured on skin discs that were produced simultaneously from the same dermatomed skin sheet.



Note: This product should be considered as potential biohazardous. Only intended for *in vitro* research use. Not for diagnostic or therapeutic procedures.

Issued by: K. Damrau

Verified by: A. Sattler