

Human Skin sheet (dermatomed)	
Lot Skin 240718-A1	Batch Release: August 06, 2024

<b>Day of surgery</b>	May 02, 2023	<b>Day of blood sampling</b>	May 02, 2023
		<b>Time of Surgery</b>	01:30 PM
<b>Gender</b>	female	<b>Age (years)</b>	53
<b>Ethnicity</b>	Caucasian	<b>Phototype</b>	I/II
<b>Size (cm)</b>	163	<b>Weight (kg)</b>	77
<b>BMI (kg/m<sup>2</sup>)</b>	29	<b>Diabetes</b>	no
<b>Origin of skin</b>	<ul style="list-style-type: none"> <li>abdomen</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 18, 2024
	Diameter/size (disc)	-
	Shape/size (sheet)	60 cm <sup>2</sup> , rectangle
	thickness	approx. 300 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	2		
	• cuts	1 very small at the edge		
	• scar	1 (2 cm) in the middle of the sheet		

Quality control	Criteria	measuring	Results*
	transepidermal water loss (TEWL)	VapoMeter	day of production: 5.8 +/- 0.4 g/m <sup>2</sup> *h (n=3) 7 days after production: 6.4 +/- 1.0 g/m <sup>2</sup> *h (n=3)

\* 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