

Human Skin sheet (dermatomed)	
Lot Skin 240731-A3	Batch Release: August 09, 2024

Day of surgery	January 12, 2023	Day of blood sampling	January 12, 2023
		Time of Surgery	01:00 PM
Gender	female	Age (years)	34
Ethnicity	Caucasian	Phototype	I/II
Size (cm)	172	Weight (kg)	77
BMI (kg/m²)	26.0	Diabetes	no
Origin of skin	<ul style="list-style-type: none"> thigh 		
Comments	<ul style="list-style-type: none"> adipose tissue removed; washed in sterile water, vacuum sealed, stored at -80 °C until further processing e.g. dermatomisation 		

Serology	Screening	Results
HIV 1+2	HIV1/2 antibodies, p24 antigen	negative
Hepatitis A	anti-HAV-IgM	negative
Hepatitis B	HBsAg, anti-HBc	negative
Hepatitis C	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 5.5 cm x 15.5 cm = 42 cm ²	
thickness	Approx. 293 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			x
	• cuts	Some very small at the edge		
	• scar			x

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