PRIMACYT
Cell Culture Technology

MHCP Mouse Hepatocytes Cryopreserved Plateable Cell Specification – Certificate of Analysis (CoA)	
Lot MH231205	Batch Release: July 29, 2024

Donor data

Species: Mouse (Mus musculus) Strain: Swiss CD-1 // RjOrl:SWISS	Gender: male Age: approx. 10 months

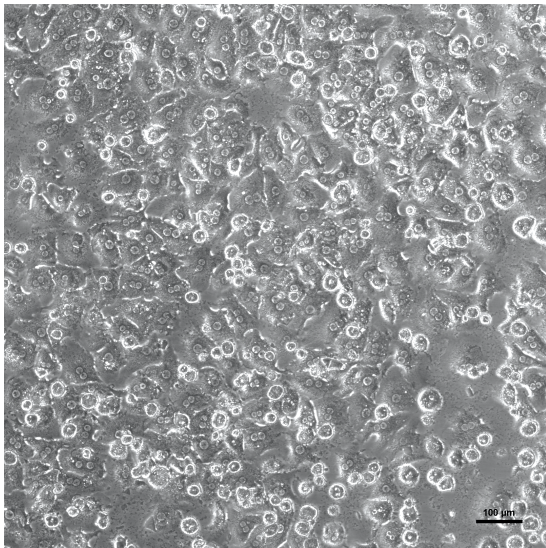## Cryopreservation and Thawing

Cryopreservation:		**Thawing:** n=1
Date:	Dec. 05, 2023	Post-thaw viability: 89.7 %
Amount per vial:	6.75×10^6 cells	Post-thaw yield per vial: 2.34×10^6 cells
		Recovery: 35 %

2D culture

Phase contrast on day 1 after thawing (24well plate)	Phase contrast on day 3 after thawing (24well plate)
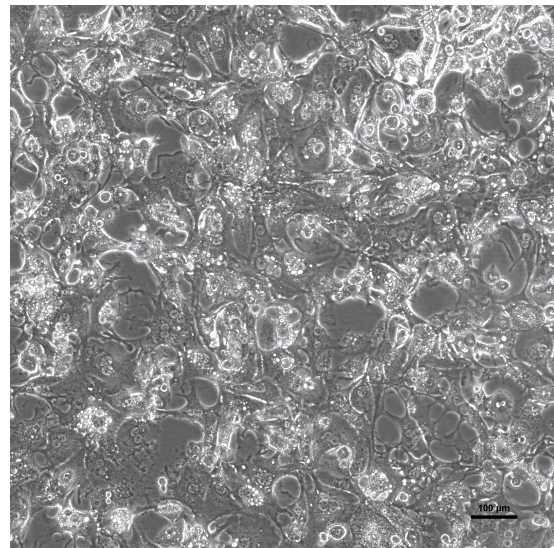
Recommended seeding density on collagen-coated plates:

24well plate – 120,000 cells/well

Culture in Human Hepatocyte Maintenance Medium (HHMM).

Detailed animal information and husbandry conditions	
Species	Mouse (Mus musculus)
Strain	Swiss CD-1, (RjOrl:SWISS)
Vendor	Janvier Labs, Saint Berthevin Cedex, France
Food	Altromin Maintenance diet for rats/mice (ad libitum), Altromin, Lage, FRG
Water	ad libitum
Light/Dark cycle	regulated day/night cycle using artificial and natural light, 10-14 hours light daily
Temperature	20-24 °C
Humidity	40-70 %
Bedding	Hugro hemp bedding, Saerbeck, FRG
Cage	Tecniplast Eurostandard Type III and Type IV incl. behavioural enrichments for the animals

Animals were housed under veterinary control and allowed to acclimate ≥ 7 days before use. Animal housing permits according to §11 Abs. 1 TSchG, dated March 22, 2022 under supervision of Veterinary Office of Landkreis Ludwigslust/Parchim, FRG. Hepatocytes were obtained from a non-infectious, non-contagious, healthy animal. The animal does not originate from a facility conducting work or research with animal pathogens.

Note: Yield, viability, recovery and activity assays were performed at PRIMACYT using PRIMACYT's manual for thawing, plating and culture of primary cryopreserved hepatocytes.

Store at -150 °C or in the vapour phase of LN$_2$

This product should be considered as potential biohazard. Only intended for *in vitro* use.

Issued by: M. Reu	Verified by: K. Damrau