

**MHCP Mouse Hepatocytes Cryopreserved Plateable
Cell Specification – Certificate of Analysis (CoA)**

Lot MH200715 Pool

Batch Release: December 8, 2020

Species: CD-1 Mouse

Number and gender of animals: 4 females
Age Donor 1: 13 months
Age Donor 2: 13 months
Age Donor 3: 10 months
Age Donor 4: 7 months

Cryopreservation:

Date: July 15, 2020

Amount per vial: 7.0×10^6 cells

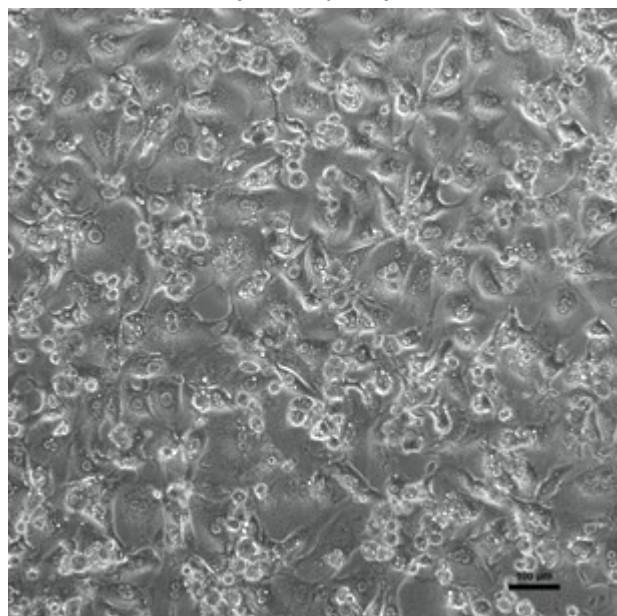
Thawing: n=1

Post-thaw viability: 75.9 %

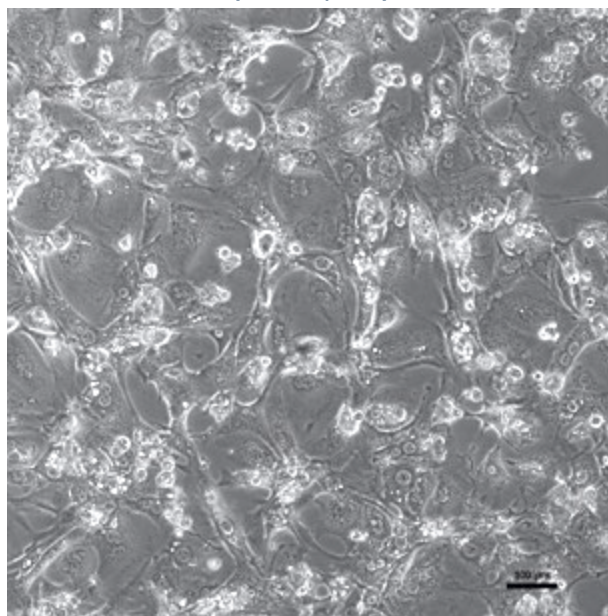
Post-thaw yield per vial: 2.2×10^6 cells

Recovery: 31 %

Phase contrast on day 2 after thawing
(24well plate)



Phase contrast on day 3 after thawing
(24well plate)



Recommended seeding density on Corning Collagen I plates:

24well plate – 150,000 cells/well

Culture in Mouse Hepatocyte Medium (MHM).

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 LN₂.

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

Detailed Animal information and husbandry conditions

Species:	Mouse (Mus musculus)
Strain:	CD-1, IGS (International Genetic Standard)
Vendor:	Charles River Germany GmbH & Co. KG, Sulzbach, FRG
Food:	Altromin Maintenance diet for rats and mice (ad libitum), Altromin, Lage, FRG
Water:	ad libitum
Light/Dark cycle:	07:00-19:00 light / 19:00-07:00 dark (12 hours light/dark)
Temperature:	20-24 °C
Humidity:	40-70 %
Bedding:	Hugro hemp bedding, Saerbeck, FRG
Cage:	Techniplast Eurostandard Type III and Type IV including behavioural enrichments for the animals

Animals were housed under veterinary control and allowed to acclimate ≥ 7 days before use. Animal housing permit according to §11 Abs. 1 TSchG, dated March 20, 2017 under supervision of Veterinary Office of Landkreis Ludwigslust/Parchim, FRG. Hepatocytes were obtained from a non-infectious, non-contagious, healthy animal.

Issued by M. Thiede

Verified by Claudia Garve