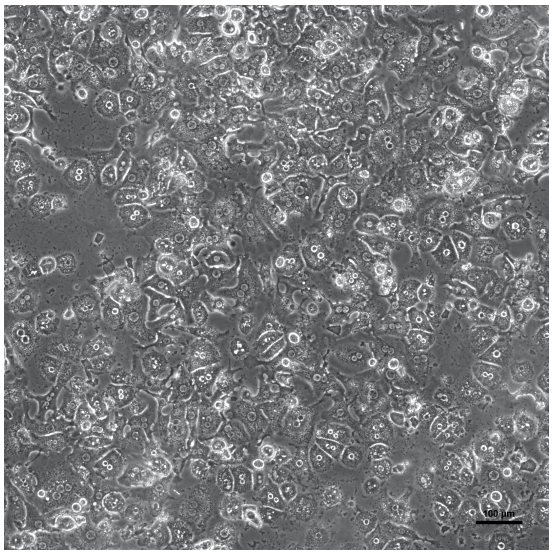
PRIMACYT
Cell Culture Technology

MHCP Mouse Hepatocytes Cryopreserved Plateable Cell Specification – Certificate of Analysis (CoA)	
Lot MH240226	Batch Release: July 29, 2024

Donor data	
Species: Mouse (Mus musculus) Strain: Swiss CD-1 // RjOrl:SWISS	Gender: male Age: approx. 3 months

Cryopreservation and Thawing	
Cryopreservation: Date: Feb. 26, 2024 Amount per vial: 5.2 x 10^6 cells	**Thawing:** n=1 Post-thaw viability: 89.4 % Post-thaw yield per vial: 1.6 x 10^6 cells Recovery: 31 %

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).	

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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