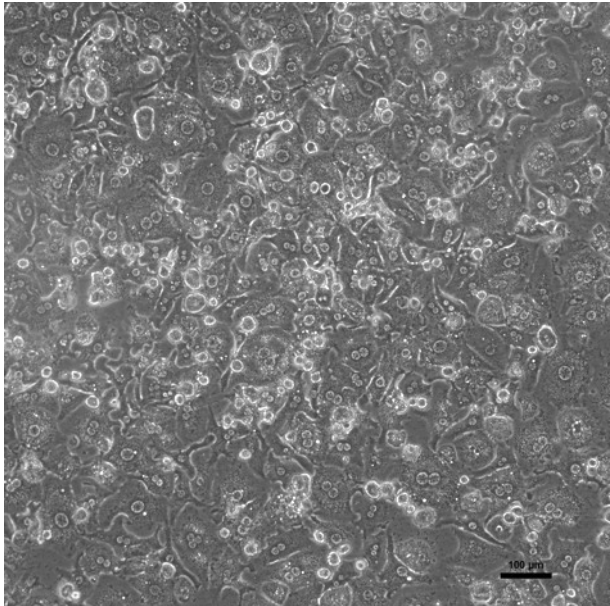
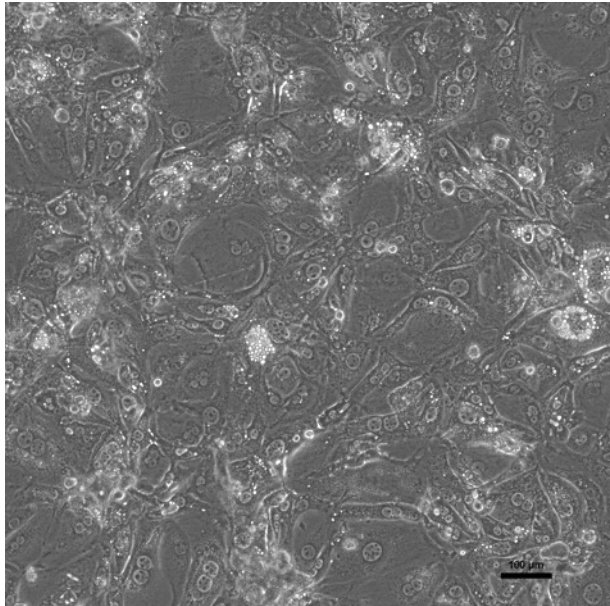


MHCP-I Mouse Hepatocytes Cryopreserved Plateable for Induction Assays Cell Specification – Certificate of Analysis (CoA)		
Lot MH210308 Pool		Batch Release: April 29, 2021
Species: CD-1 Mouse		Gender: 2 females Age donor 1: approx. 7 months Age donor 2: approx. 2 months
Cryopreservation: Date: Mar 08, 2021 Amount per vial: 6.1×10^6 cells		Thawing: n=1 Post-thaw viability: 86.6 % Post-thaw yield per vial: 1.6×10^6 cells Recovery: 25.6 %
Phase contrast on day 1 after thawing (24well plate)		Phase contrast on day 3 after thawing (24well plate)
		
Recommended seeding density on Corning collagen-coated plates: 24well plate – 120,000 cells/well Culture in Human Hepatocyte Maintenance Medium (HMHM) recommended.		
CYP P450 activity in culture after thawing: Ethoxyresorufin-O-deethylation: Induction with 25 µM β-Naphthoflavone	pmol/(mg × min) 24well: 12.0 ± 1.0	X-fold induction 1.8
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 <i>in vitro</i> use.		

Detailed animal information and husbandry conditions

Species:	Mouse (<i>Mus musculus</i>)
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 non-infectious, non-contagious, healthy animals.

Issued by J. Krinitskij

Verified by A. Ullrich