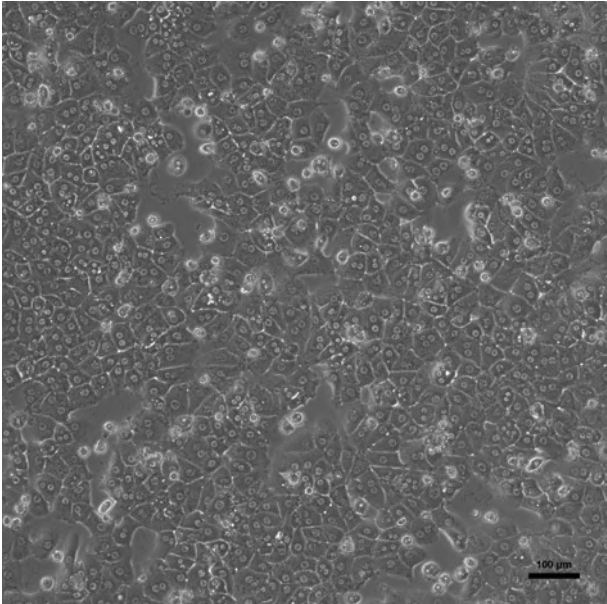
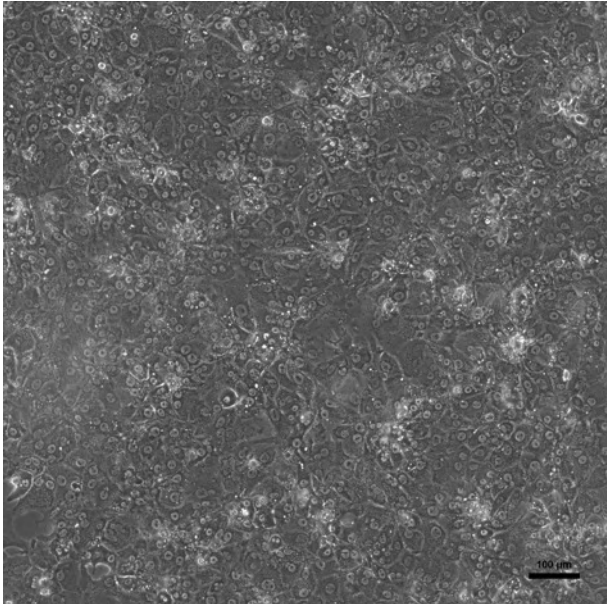


RHCP-I Rat Hepatocytes Cryopreserved Plateable for Induction assays Cell Specification – Certificate of Analysis (CoA)		
Lot RH210204	Batch Release: November 11, 2021	
Species: <i>Rattus norvegicus</i> forma domestica Strain: Wistar:Han IGS rat // CrI:Wi(Han)	Gender: female Age: approx. 3.5 months	
Cryopreservation: Date: Feb 04, 2021 Amount per vial: 10.0 x 10 ⁶ cells	Thawing: n=1 Post-thaw viability: 84.8 % Post-thaw yield per vial: 8.34 x 10 ⁶ cells Recovery: 83.4 %	
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 – 300,000 cells/well // 96well plate – 50,000 cells/well Culture in Human Hepatocyte Maintenance Medium (HHMM).		
CYP P450 activity in culture after thawing: Ethoxyresorufin-O-deethylation: Induction with 25 µM β-Naphthoflavone	pmol/(mg × min) 24well: 115.0 ± 4.4 96well: 456.0 ± 125.9	X-fold induction 18.9 25.6
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: Rat (*Rattus norvegicus* forma domestica)
Strain: Wistar:Han IGS rat // CrI:Wi(Han), 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 J. Krinitskij

Verified by D. Kwapiszewski