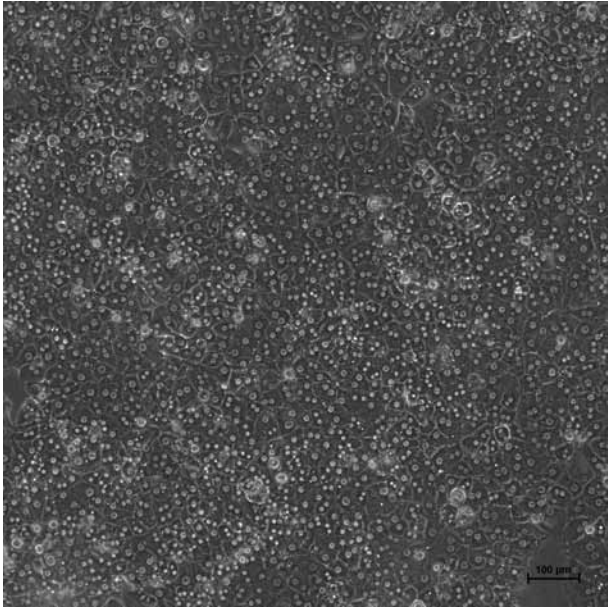
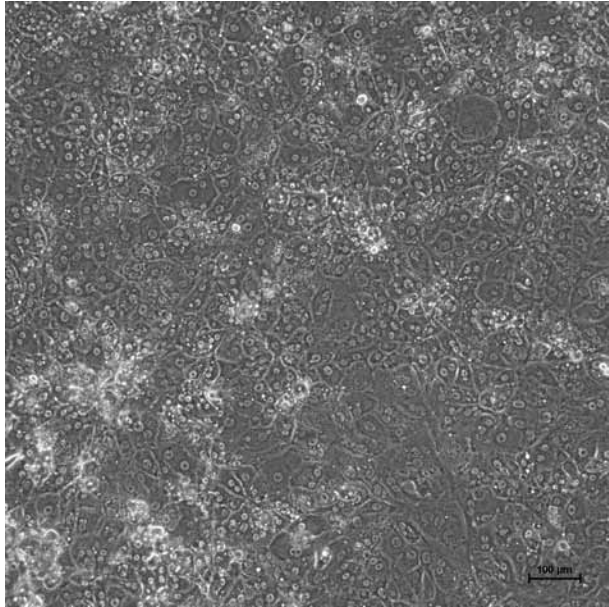


<b>RHCP-I Rat Hepatocytes Cryopreserved Plateable for Induction assays Cell Specification – Certificate of Analysis (CoA)</b>		
Lot RH190514	Batch Release: July 24, 2019	
Species: <i>Rattus norvegicus</i> forma domestica Wistar:Han IGS rat // CrI:Wi(Han)	Gender: female Age: 9 months	
<b>Cryopreservation:</b> Date: May 14, 2019 Amount per vial: 10.0 x 10 <sup>6</sup> cells	<b>Thawing:</b> Post-thaw viability: 84.6 % Post-thaw yield per vial: 6.2 x 10 <sup>6</sup> cells Recovery: 61.6 %	
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 – 400,000 cells/well // 96well plate – 70,000 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: 72.1 ± 6.1 96well: 373.5 ± 34.9	X-fold induction 16.0 13.7
Note: Yield, viability, recovery and activity assays were performed at PRIMACYT using PRIMACYT's manual for thawing, plating and culture of primary cryopreserved hepatocytes.		
<b>Store at -150 °C or in the vapour phase of LN<sub>2</sub></b>		
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*)  
Strain: Wistar:Han IGS rat // CrI:Wi(Han), IGS (International Genetic Standard)  
Sex: female  
Age: approx. 9 months  
Weight: 280 g  
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 hour light/dark)  
Temperature: 20-24°C  
Humidity: 40-70%  
Bedding: Hugro hemp bedding, Saerbeck, FRG  
Cage: Techniplast Eurostandard Type III and Type IV including animal behavioural enrichments

Animals were housed under veterinary control and allowed to acclimate  $\geq 7$  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: D. Runge