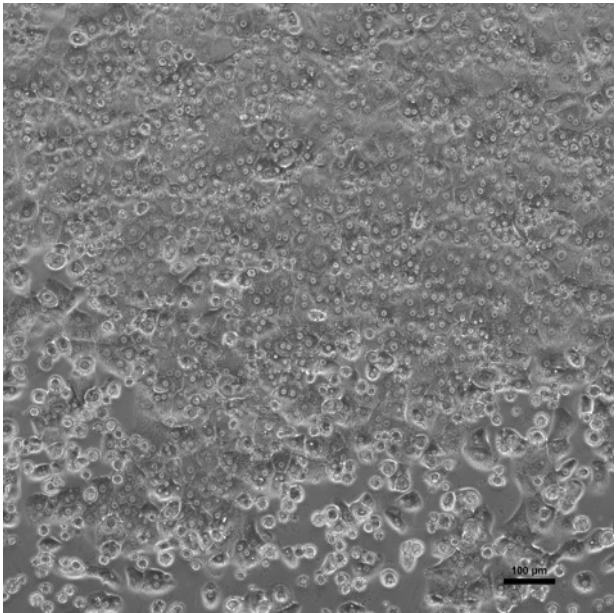
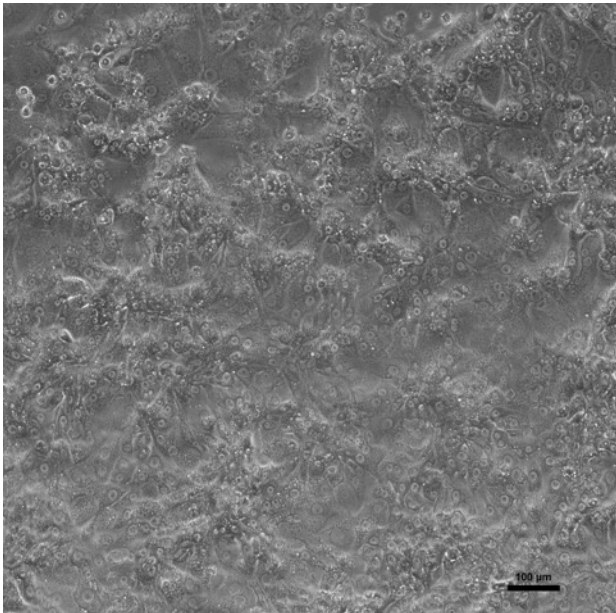


SD-RHCP-I Rat Hepatocytes Cryopreserved Plateable for Induction assays Cell Specification – Certificate of Analysis (CoA)		
Lot RH200817-1	Batch Release: April 12, 2021	
Species: <i>Rattus norvegicus</i> forma domestica CD IGS rat (Sprague Dawley) // Crl:CD(SD)	Gender: male Age: approx. 11 months	
Cryopreservation: Date: Aug 17, 2020 Amount per vial: 10.0 x 10 ⁶ cells	Thawing: n=1 Post-thaw viability: 84.1 % Post-thaw yield per vial: 7.0 x 10 ⁶ cells Recovery: 69.6 %	
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 – 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: 61.3 ± 5.1 96well: 247.1 ± 64.0	X-fold induction 16.7 20.0
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 (<i>Rattus norvegicus</i> forma domestica)
Strain:	CD IGS rat (Sprague Dawley) // CrI:CD(SD), 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 A. Ullrich