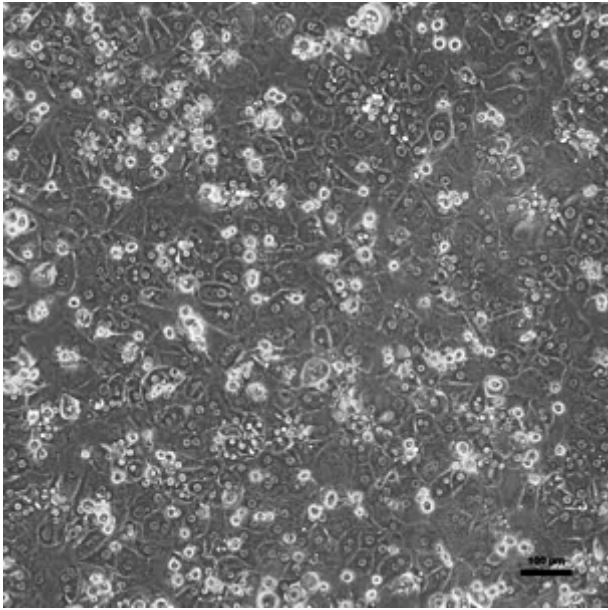
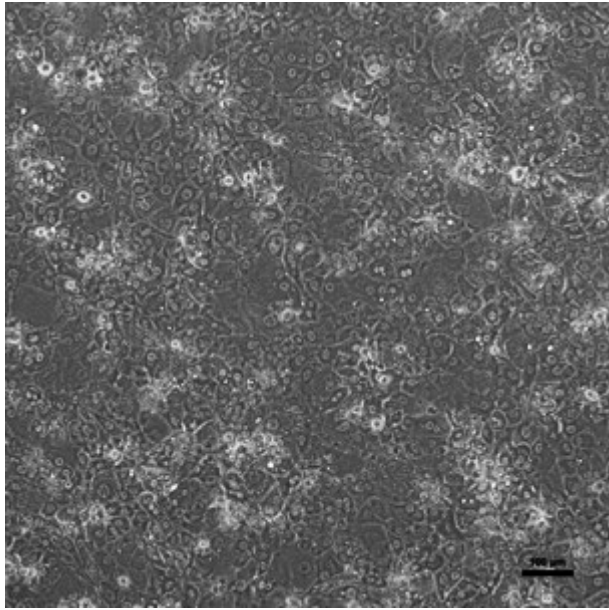


SD-RHCP-I Rat Hepatocytes Cryopreserved Plateable for Induction assays Cell Specification – Certificate of Analysis (CoA)		
Lot RH191205 Pool	Batch Release: May 6, 2020	
Species: <i>Rattus norvegicus</i> forma domestica Strain: CD IGS rat (Sprague Dawley) // CrI:CD (SD)	Number and gender of animals: 5 males	
Cryopreservation: Date: Dec 05, 2019 Amount per vial: 10.0 x 10 ⁶ cells	Thawing: n=2 Post-thaw viability: 74.9 ± 5.6 % Post-thaw yield per vial: 6.2 ± 0.0 x 10 ⁶ cells Recovery: 62 %	
Phase contrast on day 1 after thawing (24well plate)	Phase contrast on day 3 after thawing (24well plate)	
		
Recommended seeding density on Corning Collagen I plates: 24well plate – 200,000 cells/well 96well plate – 30,000 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: 86.2 ± 2.6 (n=2) 96well: 326.0 ± 48.9 (n=1)	X-fold induction 21.3 22.1
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 *in vitro* use.

Detailed Animal information and husbandry conditions

Species: Rat (*Rattus norvegicus forma domestica*)
Strain: CD IGS rat (Sprague Dawley) // CrI:CD(SD),
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 Claudia Garve