

**WH-RHCP-I Rat Hepatocytes Cryopreserved Plateable for Induction assays**  
**Cell Specification – Certificate of Analysis (CoA)**

Lot RH240311

Batch Release: September 04, 2025

**Donor data**

Species: *Rattus norvegicus* forma domestica  
Strain: Wistar:Han IGS rat // Crl:Wi(Han)

Gender: male  
Age: approx. 2 months

**Cryopreservation and Thawing**

**Cryopreservation:**

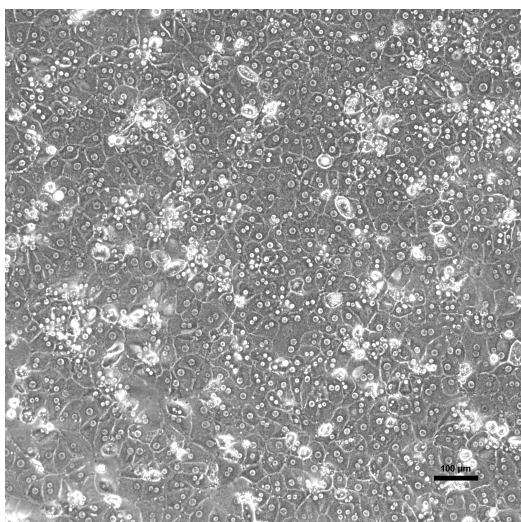
Date: Mar 11, 2024  
Amount per vial:  $10.06 \times 10^6$  cells

**Thawing:** n=1

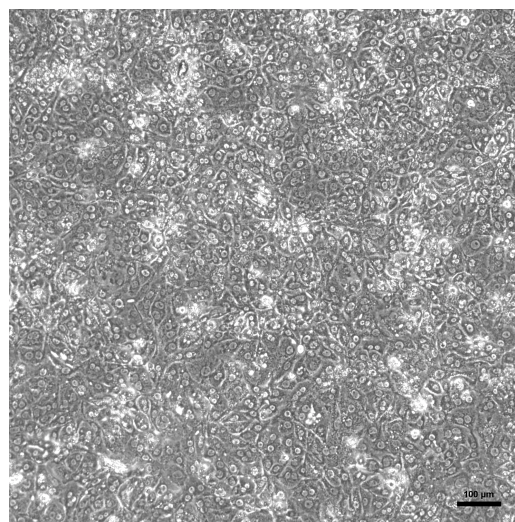
Post-thaw viability: 88.4 %  
Post-thaw yield per vial:  $6.1 \times 10^6$  cells  
Recovery: 60.1 %

**2D culture**

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 – 200,000 cells/well

Culture in Human Hepatocyte Maintenance Medium (HHMM).

CYP P450 activity in 2D culture after thawing:

Ethoxyresorufin-O-deethylation:

Induction with 25 µM β-Naphthoflavone

pmol/ (mg × min)

24well:  $44.21 \pm 3.04$

X-fold induction

11.0

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 LN<sub>2</sub>**

This product should be considered as potential biohazard. Only intended for *in vitro* use.

Detailed animal information and husbandry conditions			
Species	Rat ( <i>Rattus norvegicus</i> forma domestica)		
Strain	Wistar:Han IGS rat // CrI:Wi(Han), IGS (International Genetic Standard)		
Vendor	Janvier Labs, Saint Berthevin Cedex, France		
Food	Altromin Maintenance diet for rats/mice (ad libitum), Altromin, Lage, FRG		
Water	ad libitum		
Light/Dark cycle	regulated day/night cycle using artificial and natural light, 10-14 hours light daily		
Temperature	20-24 °C		
Humidity	40-70 %		
Bedding	Hugro hemp bedding, Saerbeck, FRG		
Cage	Tecniplast Eurostandard Type III and Type IV incl. behavioural enrichments for the animals		
<p>Animals were housed under veterinary control and allowed to acclimate ≥ 7 days before use. Animal housing permits according to §11 Abs. 1 TSchG, dated March 22, 2022 and November 18, 2024 under supervision of Veterinary Office of Landkreis Ludwigslust/Parchim, FRG. Hepatocytes were obtained from a non-infectious, non-contagious, healthy animal. The animal does not originate from a facility conducting work or research with animal pathogens.</p>			
<table border="1"> <tr> <td>Issued by: J. Schuldt</td><td>Verified by: K. Damrau</td></tr> </table>		Issued by: J. Schuldt	Verified by: K. Damrau
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