

**WH-RHCS Rat Hepatocytes Cryopreserved for Suspension assays
Cell Specification – Certificate of Analysis (CoA)**

Lot RH231102

Batch Release: May 29, 2024

Donor data

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

Gender: female
Age: approx. 2.5 years

Cryopreservation and Thawing

Cryopreservation:

Date: Nov 02, 2023
Amount per vial: 9.8×10^6 cells

Thawing: n=1

Post-thaw viability: 81.4
Post-thaw yield per vial: 5.4×10^6 cells
Recovery: 54.8 %

Suspension culture

Viability test on orbital shaker (Eppendorf Thermomixer C, 1000 rpm at 37 °C with 0.5×10^6 cells in 0.5 ml HM-Cryo):

Time (h)	0	0.5	1	1.5	2
Viability (%)	81.4	64.4	63.7	51.8	55.2

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 (<i>Rattus norvegicus</i> 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/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 May 15, 2008 and March 20, 2017 and March 22, 2022 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>	

Issued by: A. Sattler	Verified by: K. Damrau
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