

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

Lot RH130311

Batch Release: March 31, 2022

Species: Rattus norvegicus forma domestica
CD IGS rat (Sprague Dawley) // CrI:CD(SD)

Gender: male
Age: 5 months

Cryopreservation:
Date: March 11, 2013
Amount per vial: 9.7 x 10⁶ cells

Thawing: n = 2
Post-thaw viability: 83.3 ± 2.3 %
Post-thaw yield per vial: 6.9 ± 0.2 x 10⁶ cells
Recovery: 71.0 %

Viability test on orbital shaker (Eppendorf Thermomixer C, 1000 rpm at 37 °C with 0.5 x 10⁶ cells in 0.5 ml HPM-Cryo): n = 1

Time (h)	0	0.5	1	1.5	2	3
Viability (%)	85.6	82.0	83.3	55.3	55.9	32.4

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), 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 M.Thiede

Verified by D. Kwapiszewski