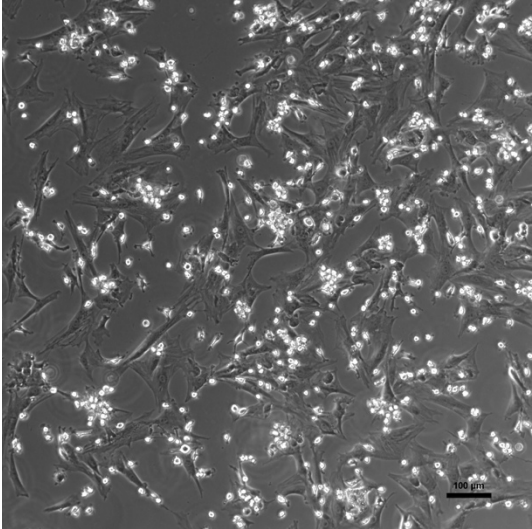
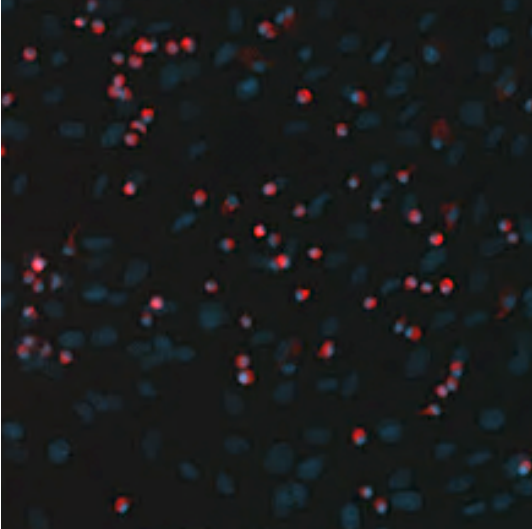


WHRL-KC Rat Cryopreserved Liver Kupffer Cells	
Cell specification	
Lot RLKC 210310 P0-210319	Batch Release: Oct 26, 2021

Species: <i>Rattus norvegicus</i> forma domestica Wistar:Han IGS rat // CrI:Wi(Han)	Gender: female Age: 5 months
Cryopreservation: Passage 0 on: March 19, 2021 Number of cells per vial: 1.23×10^6 cells	Thawing: n=3 Post-thaw viability: 78.1 ± 4.9 % Post-thaw yield per vial: $0.86 \pm 0.13 \times 10^6$ cells Recovery: 59.9 ± 22.9 %

Phagocytosis activity assay on day 3 of culture:
LPS stimulated: 35 % of cells with particle uptake
Non-stimulated: 15 % of cells with particle uptake

<p>Phase contrast on day 2 after thawing</p> 	<p>Fluorescence imaging after thawing: KC specific antigen CD68 (red); nuclei (Hoechst 33342, blue)</p> 
---	---

Note: Yield, viability, and recovery were determined at PRIMACYT using PRIMACYT's manual for thawing, plating and culture of cryopreserved non-parenchymal cells.

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 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. Liver cells were obtained from a non-infectious, non-contagious, healthy animal.

Issued by: D. Kwapiszewski

Verified by: A. Ullrich