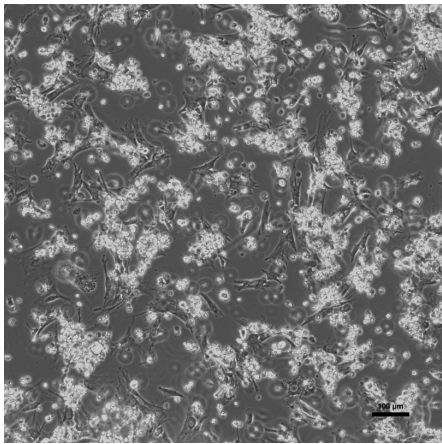
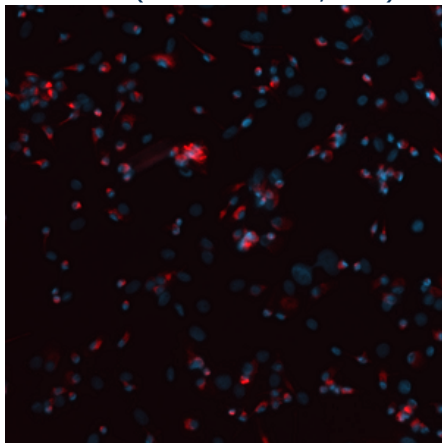


WHRL-KC Rat Cryopreserved Liver Kupffer Cells	
Cell specification	
Lot RLKC 210416 P0-210426	Batch Release: Oct 8, 2021
Species: <i>Rattus norvegicus</i> forma domestica Wistar:Han IGS rat // CrI:Wi(Han)	Gender: male Age: 6 months
Cryopreservation: Passage 0 on: April 26, 2021 Number of cells per vial: 2.02×10^6 cells	Thawing: n=2 Post-thaw viability: 74.9 ± 10.0 % Post-thaw yield per vial: $1.3 \pm 0.1 \times 10^6$ cells Recovery: 72.7 ± 12.3 %
Phagocytosis activity assay on day 5 of culture: LPS stimulated: 35 % of cells with particle uptake Non-stimulated: 10 % of cells with particle uptake	
Phase contrast on day 1 after thawing 	Fluorescence imaging after thawing: KC specific antigen CD68 (red); nuclei (Hoechst 33342, blue) 
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 <i>in vitro</i> 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