

WHRL-KC Rat Cryopreserved Liver Kupffer Cells
Cell Specification – Certificate of Analysis (CoA)

Lot RLKC241022 P0

Batch Release: February 12, 2026

Donor data

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

Gender: male
Age: approx. 11 months

Cryopreservation and Thawing

Cryopreservation:

Date: Oct 28, 2024

Amount per vial: 1.17×10^6 cells

Thawing: n=1

Post-thaw viability: 83.7 %

Post-thaw yield per vial: 0.926×10^6 cells

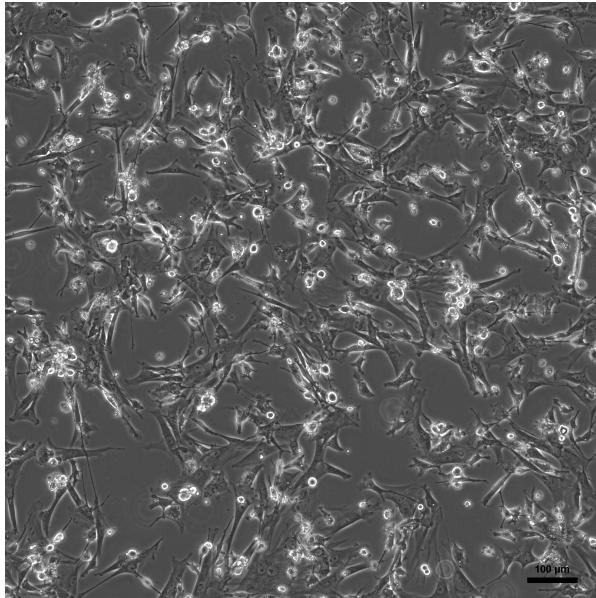
Recovery: 79.1 %

Phagocytosis activity assay on day 3 of culture: 40% of cells with particle uptake

2D culture

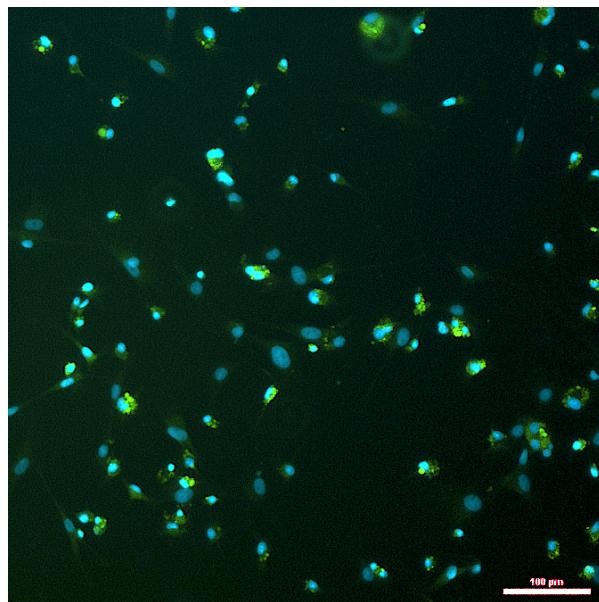
Phase contrast

on day 1 after thawing
(24well plate, 100x)



CD68 IF-staining

Fixed on day 1 after thawing
green = CD68, blue = nuclei
(24well plate, 100x magnification)



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 (Rattus norvegicus forma domestica)
Strain	Wistar:Han IGS rat // Crl: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
Animals were housed under veterinary control and allowed to acclimate \geq 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: E. Wagner	Verified by: T. Krimmling