

**SDRL-SC Rat Cryopreserved Liver Stellate Cells
Cell Specification – Certificate of Analysis (CoA)**

Lot RLSC 200226 P1 (Pool)

Batch Release: June 18, 2026

Donor data

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

Number and gender of animals: 5 females
Age: approx. 4-9 months

Cryopreservation and Thawing

Cryopreservation:

Date: March 11, 2020

Amount per vial: 1.0×10^6 cells

Thawing: n=2

Post-thaw viability: $86.9 \pm 12.1 \%$

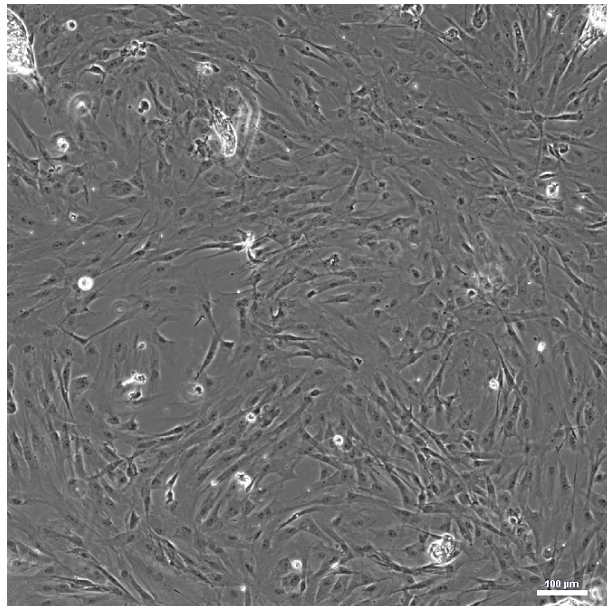
Post-thaw yield per vial: $0.74 \pm 0.07 \times 10^6$ cells

Recovery: $74.25 \pm 7.4 \%$

2D culture

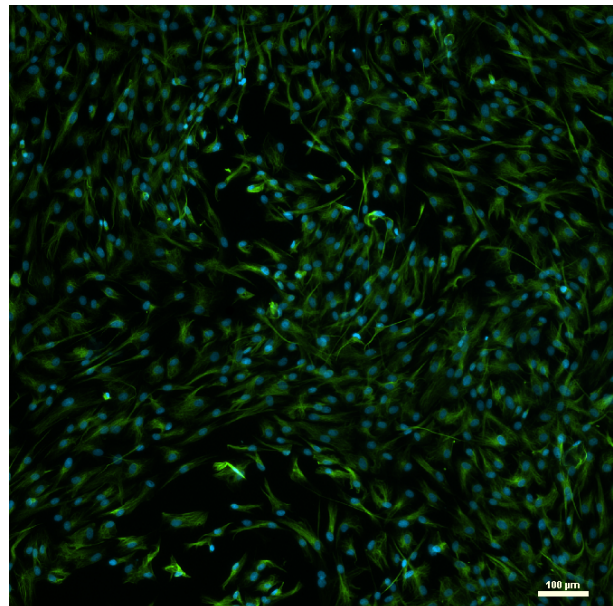
Phase contrast

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



Vimentin IF-staining

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



Note: The vial may contain collagen residues, which do not affect the culture. It is recommended to wash the seeded cells with PBS. 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	CD IGS rat (Sprague Dawley) // CrI:CD (SD), 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 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.</p>	
Issued by: E. Wagner	Verified by: T. Krimmling