

**HL-KC P0 Human Cryopreserved Kupffer Cells P0**  
**Cell Specification – Certificate of Analysis (CoA)**

Lot HLKC240404 P0

Batch Release: April 25, 2025

**Donor data**

Species: Human

Gender: female

Age: 81 years

Diagnosis: Liver metastases with rectal carcinoma  
Medical History: Hypertension

Therapy: Hemihepatectomy right  
Medication: ASS, Atorvastatin, Ramipril, Amlodipin  
Serology: HAV, HBV, HCV, HIV 1/2: negative

**Cryopreservation and Thawing**

**Cryopreservation:**

Date: Apr 08, 2024

Amount per vial:  $1.5 \times 10^6$  cells

**Thawing:** n=1

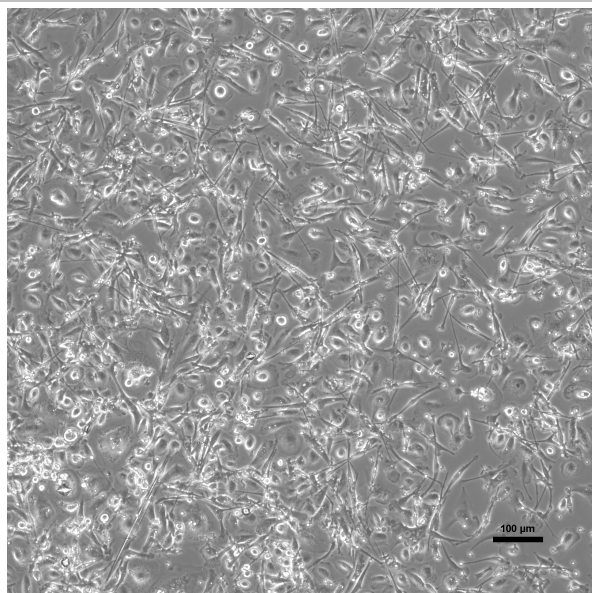
Post-thaw viability: 96 %

Post-thaw yield per vial:  $0.79 \times 10^6$  cells

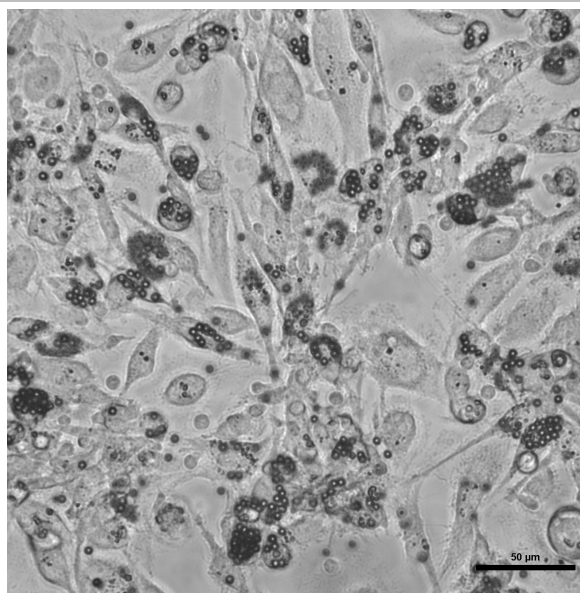
Recovery: 52.9 %

**2D culture**

Phase contrast  
on day 2 after thawing (24well plate, 100x)



Phagocytosis test with particle solution (4 µm)  
on day 2 after thawing (24well plate, 400x)



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 LN<sub>2</sub>**

This product should be considered as potential biohazard. Only intended for *in vitro* use.

Issued by: E. Wagner

Verified by: T. Krimmling