

**CHCP-I Cynomolgus Hepatocytes Cryopreserved Plateable for Induction assays Cell Specification – Certificate of Analysis (CoA)**

Lot CH241106

Batch Release: May 27, 2025

**Donor data**

Species: *Macaca fascicularis*

Gender: female

Age: 4 years

Serology: negative for Herpes B virus, SRV, SIV, STLV-1

**Cryopreservation and Thawing**

**Cryopreservation:**

Date: November 06, 2024

Amount per vial:  $10.0 \times 10^6$  cells

**Thawing:** n=1

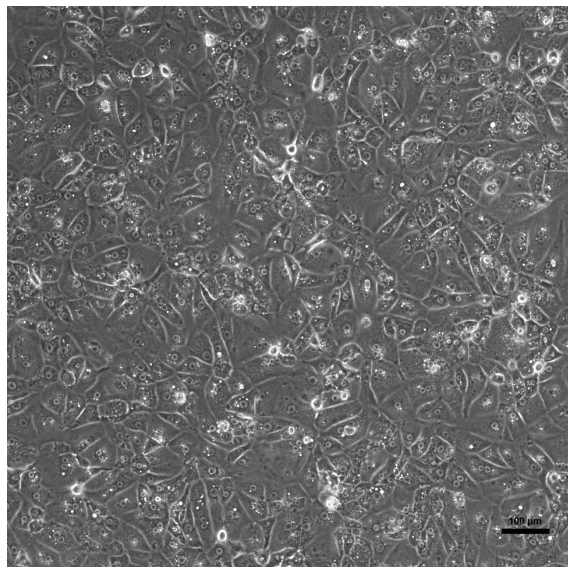
Post-thaw viability: 97 %

Post-thaw yield per vial:  $7.17 \times 10^6$  cells

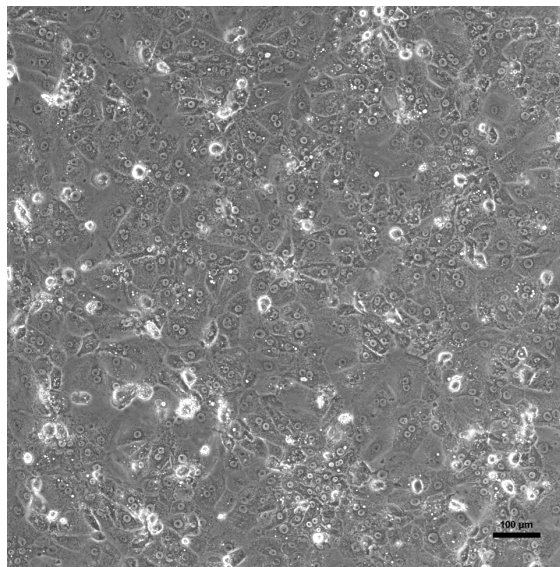
Recovery: 71.7 %

**2D culture**

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



Phase contrast on day 3 after thawing  
(24well plate)



Recommended seeding density on collagen-coated plates:

24well plate – 200,000 cells/well // 96well plate – 60,000 cells/well.

Culture in Human Hepatocyte Maintenance Medium (HHMM).

CYP P450 activity in 2D culture after thawing: Ethoxyresorufin-O-deethylation: Induction with 25 µM β-Naphthoflavone	pmol/ (mg × min) 24well: 49.6 ± 0.3 96well: 88.78 ± 12.5	X-fold induction 11.8 13.1
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### Suspension culture

Viability test on orbital shaker (Eppendorf Thermomixer C, 1000 rpm at 37 °C with 0.5 x 10<sup>6</sup> cells in 0.5 ml HPM-Cryo):

Time (h)	0	1	2	3	4	5
Viability (%)	97	94.9	93.4	94.8	92.7	88.1

Note: Yield, viability, recovery and activity assays were performed at PRIMACYT using PRIMACYT's manual for thawing, plating and culture of primary cryopreserved hepatocytes.

**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.

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