

CHCP-I Cynomolgus Hepatocytes Cryopreserved Plateable for Induction assays
Cell Specification

Lot CH201109-1

Batch Release: August 6, 2021

Species: *Macaca fascicularis*

Gender: male

Age: 4 years 2 months

Serology: negative for SIV, SRV, STLV, HBV, MV and Filovirus (Ebola-like)

Cryopreservation:

Date: Nov 09, 2020

Amount per vial: 10.0×10^6 cells

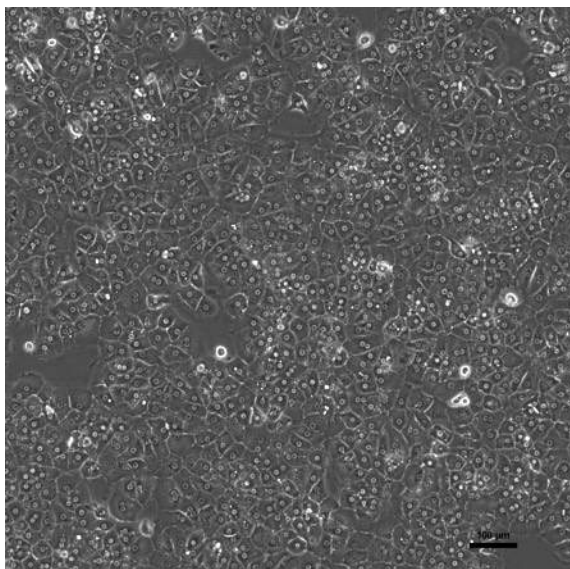
Thawing: n=1

Post-thaw viability: 96.1 %

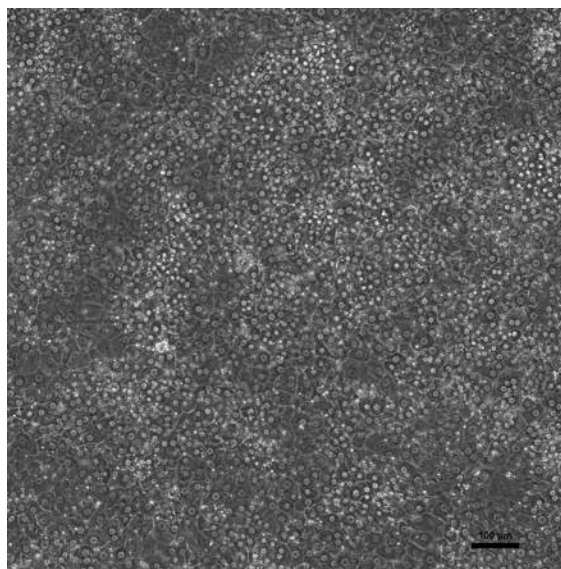
Post-thaw yield per vial: 7.38×10^6 cells

Recovery: 73.8 %

Phase contrast on day 1 after thawing
(24well plate)



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



Recommended seeding density on collagen-coated plates:

24well plate – 300,000 cells/well

96well plate – 60,000 cells/well

Culture in Human Hepatocyte Maintenance Medium (HHMM).

CYP P450 activity in culture after thawing:

pmol/(mg × min)

X-fold induction

Ethoxyresorufin-O-deethylation:

24well: 102.8 ± 6.1

10.2

Induction with 25 μM beta-naphthoflavone

96 well: 133.1 ± 37.9

8.2

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 LN₂

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

Issued by: J. Krinitskij

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