

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

Lot RabH200401

Batch Release: June 4, 2020

Species: New Zealand white rabbit (*Oryctolagus cuniculus*)

Gender: female

Age: 2 months

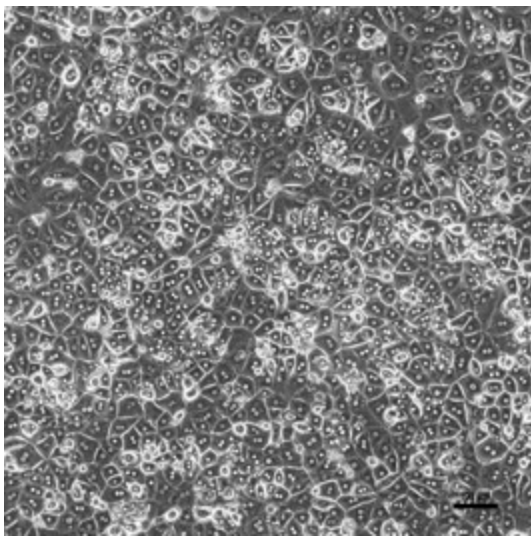
Cryopreservation:

Date: April 01, 2020
Amount per vial: 10.0 x 10⁶ cells

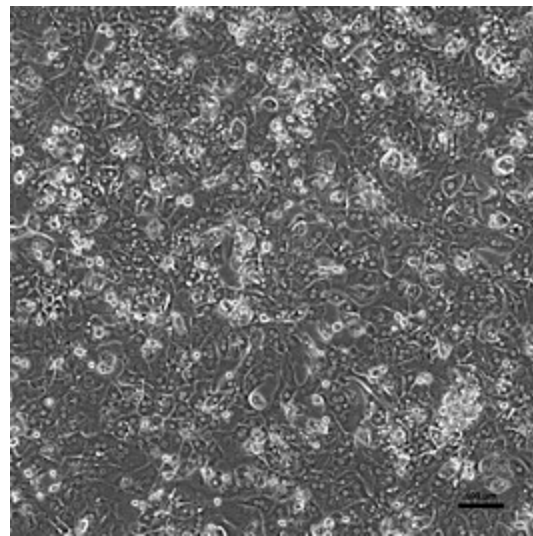
Thawing: n=1

Post-thaw viability: 93.1 %
Post-thaw yield per vial: 7.6 x 10⁶ cells
Recovery: 76 %

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



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



Viability test on orbital shaker (Eppendorf Thermomixer C, 1000 rpm at 37 °C with 0.5 x 10⁶ cells in 0.5 ml HPM-Cryo):

Time (h)	0	0.5	1	1.5	2	3	4	5
Viability (%)	93.1	83.3	80.0	71.7	77.8	72.3	64.3	66.7

Recommended seeding density on collagen-coated plates:

24well plate – 200,000 cells/well // 96well plate – 50,000 cells/well

Culture in Human Hepatocyte Maintenance Medium (HHMM).

CYP P450 activity in culture after thawing:

Ethoxyresorufin-O-deethylation:

Induction with 25 µM β-Naphthoflavone

pmol/(mg × min)

24well: 53.0 ± 4.2

96well: 114.1 ± 7.8

X-fold induction

8.0

6.4

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 M. Thiede

Verified by C. Garve