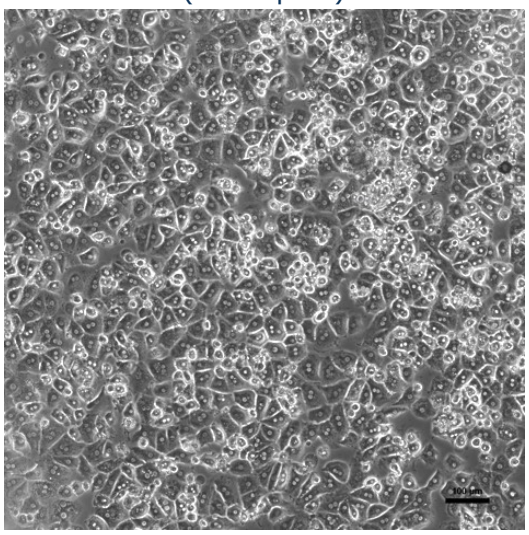
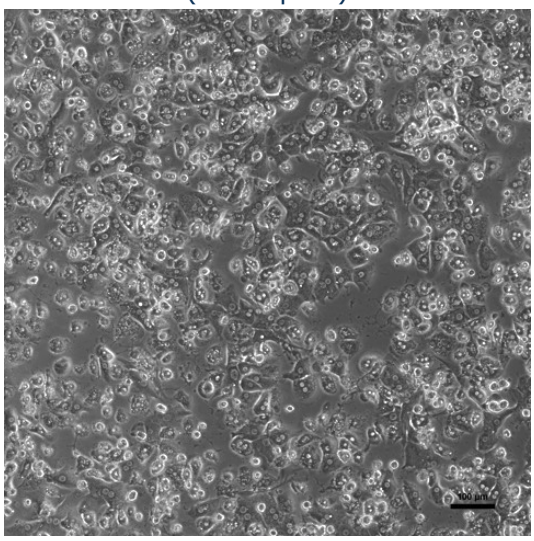
RabHCP-I Rabbit Hepatocytes Cryopreserved Plateable for Induction assays
Cell Specification – Certificate of Analysis (CoA)

Lot RabH200330	Batch Release: June 29, 2020

Species: New Zealand white rabbit (Oryctolagus cuniculus)	Gender: male Age: 2 months
Cryopreservation: Date: March 30, 2020 Amount per vial: 7.0 x 10^6 cells	**Thawing:** n = 1 Post-thaw viability: 79.7 % Post-thaw yield per vial: 3.8 x 10^6 cells Recovery: 54 %
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 10^6 cells in 0.5 ml HPM-Cryo):

Time (h)	0	1
Viability (%)	79.7	53.7

Recommended seeding density on collagen-coated plates:
24well plate – 300,000 cells/well // 96well plate – 50,000 cells/well
Culture in Human Hepatocyte Maintenance Medium (HHMM).
Use Corning Collagen coated plates.

CYP P450 activity in culture after thawing:	pmol/mL	X-fold induction
Ethoxyresorufin-O-deethylation: Induction with 25 µM ß-Naphthoflavone	24well: 90.7 ± 2.2	2.3

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_2

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

Issued by A. Ullrich Verified by D. Runge