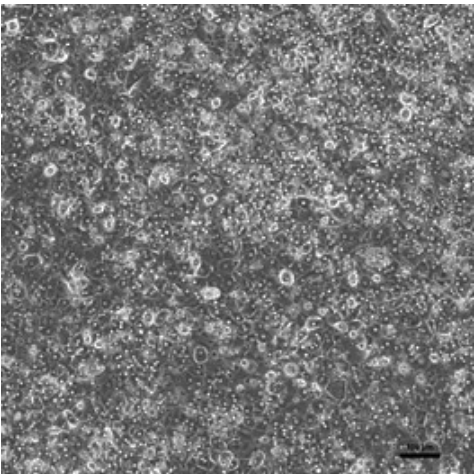
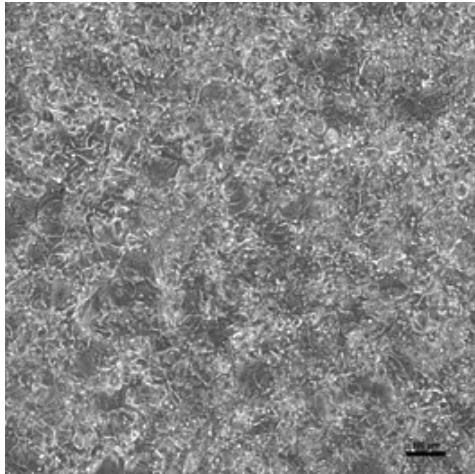


RabHCP-I Rabbit Hepatocytes Cryopreserved Plateable for Induction assays Cell Specification – Certificate of Analysis (CoA)								
Lot RabH191108	Batch Release: January 09, 2020							
Species: <i>Oryctolagus cuniculus</i> forma domestica	Gender: male Age: 6 months							
Cryopreservation: Date: November 08, 2019 Amount per vial: 10.0 x 10 ⁶ cells	Thawing: Post-thaw viability: 93.0 % Post-thaw yield per vial: 5.58 x 10 ⁶ cells Recovery: 55.8 %							
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	0.5	1	1.5	2	3	4	5
Viability (%)	93.0	78.4	70.0	74.2	68.5	67.1	66.7	63.9
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).								
CYP P450 activity in culture after thawing: Ethoxyresorufin-O-deethylation: Induction with 25 µM β-Naphthoflavone	pmol/(mg × min) 24well: 38.3 ± 9.8 96well: 96.3 ± 27.4	X-fold induction 6.5 6.7						
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 <i>in vitro</i> use.								
Issued by: M. Thiede	Verified by: Claudia Garve							