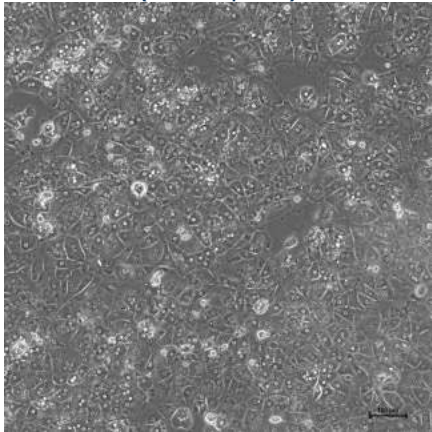
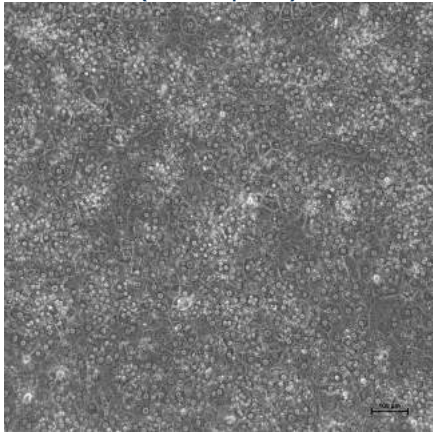


CHCP-I Cryopreserved Plateable Cynomolgus Hepatocytes for Induction assays Cell Specification		
Lot CH171009		Batch Release: Dec 22, 2017
Species: Macaca fascicularis Gender: male Age: 5 years 2 months		Serology: negative for Alpha-Herpes, SRV, SIV, STLV-1, Ebola
Cryopreservation: Date: Oct 9, 2017 Amount per vial: 10.0 x 10 ⁶ cells		Thawing: Post-thaw viability: 94.8 % Post-thaw yield per vial: 5.46 x 10 ⁶ cells Recovery: 54.6 %
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 – 70,000 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: 129.1 ± 9.0	27.1
Induction with 25 µM beta-naphthoflavone	96well: 282.2 ± 56.4	28.9
Note: Yield, viability, recovery and activity assays were performed at PRIMACYT using PRIMACYT's manual for thawing, plating and culture of primary cryopreserved hepatocytes.		
Issued by: M. Thiede		Checked by: A. Ullrich