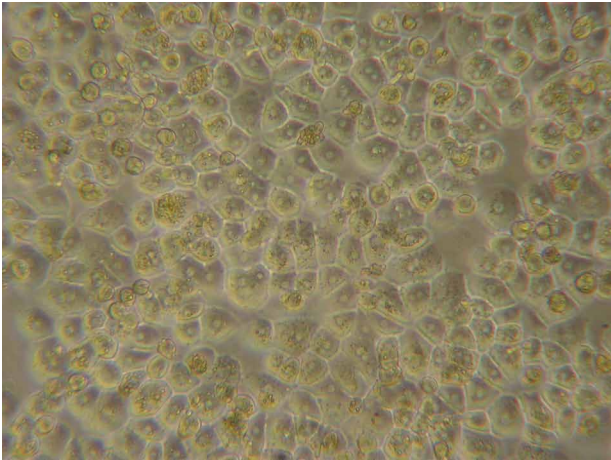
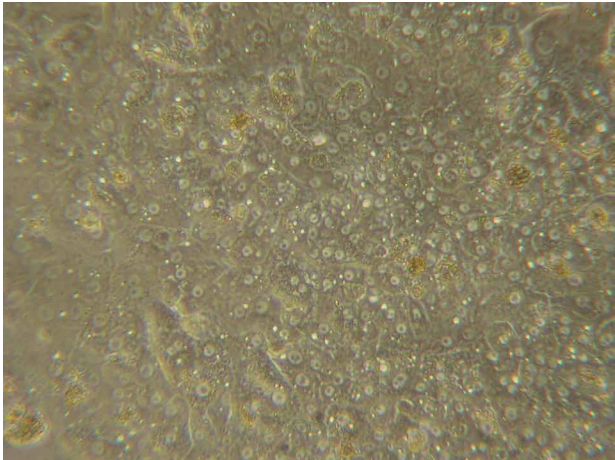


HHCP-I Cryopreserved Plateable Human Hepatocytes for Induction Cell Specification		
Lot HH151104-2		Batch Release: January 08, 2016
Species: Human	Gender: male	Age: 53 years
Cryopreservation: Date: November 04, 2015 Amount per vial: 9.2 x 10 ⁶ cells	Thawing: Post-thaw viability: 91.1 % Post-thaw yield per vial: 5.76 x 10 ⁶ cells Recovery: 62 %	
Phase contrast on day 0 after thawing		Phase contrast on day 3 after thawing
		
Recommended seeding density on collagen-coated plates: 283,000 cells per cm ² Culture in Human Hepatocyte Maintenance Medium (HHMM).		
CYP P450 activity in culture after thawing: Ethoxyresorufin-O-deethylation: Induction with 25 µM beta-naphthoflavon	pmol/(mg × min) 2.46 ± 0.12	x-fold induction 2.9

Note: Yield, viability, recovery and activity assays were performed at PRIMACYT using PRIMACYT's manual for thawing, plating and culture of primary cryopreserved hepatocytes.