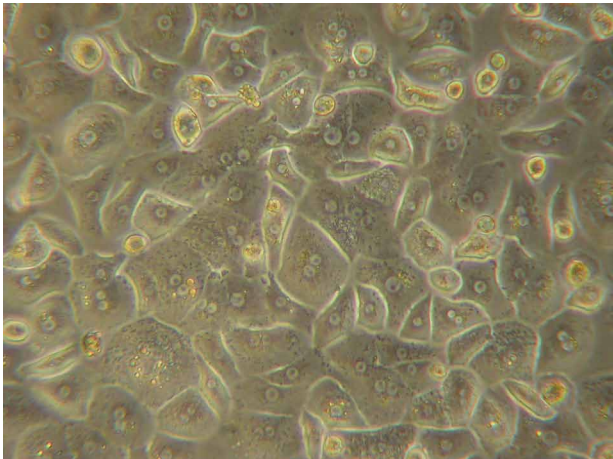
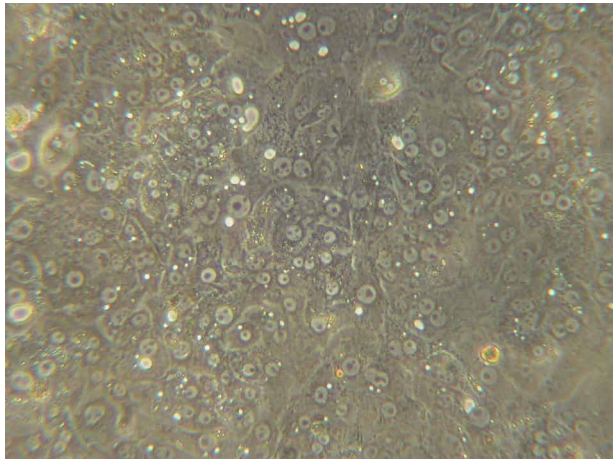


HHCP-I Cryopreserved Plateable Human Hepatocytes for Induction Cell Specification		
Lot HH140724		Batch Release: January 08, 2016
Species: Human	Gender: male	Age: 65 years
Cryopreservation: Date: July 24, 2014 Amount per vial: 11.3 x 10 ⁶ cells	Thawing: Post-thaw viability: 91 % Post-thaw yield per vial: 10.5 x 10 ⁶ cells Recovery: 93 %	
Phase contrast on day 1 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:	pmol/(mg × min)	x-fold induction
Ethoxyresorufin-O-deethylation:		
Induction with 10 µM beta-naphthoflavon	12.9 ± 4.0	3.9
Induction with 25 µM beta-naphthoflavon	15.2 ± 2.2	4.6

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