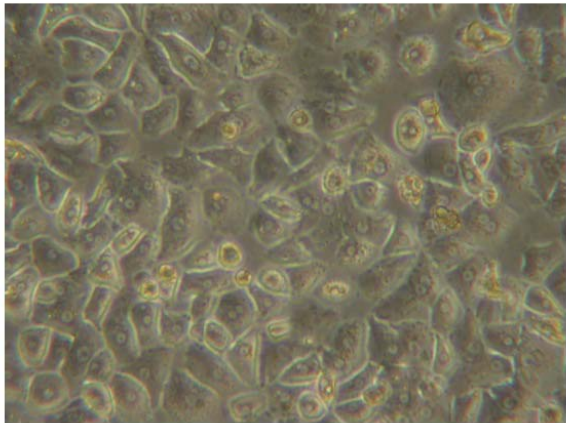
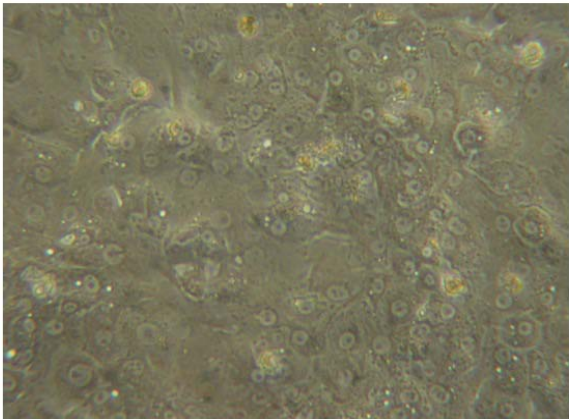


HHCP-I Cryopreserved Plateable Human Hepatocytes for Induction		
Cell Specification		
Lot HH160531-1		Batch Release: July 21, 2016
Species: Human	Gender: female	Age: 59 years
Cryopreservation: Date: May 31, 2016 Amount per vial: 10.3 x 10 ⁶ cells	Thawing: Post-thaw viability: 94.6 % Post-thaw yield per vial: 5.6 x 10 ⁶ cells Recovery: 54 %	
Phase contrast on day 1 after thawing		Phase contrast on day 3 after thawing
		
Recommended seeding density on collagen-coated plates: 284,000 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	3.1 ± 0.3	1.7
Induction with 25 µM beta-naphthoflavon	4.6 ± 1.5	2.5

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: J. Jia

Checked by: C. Garve