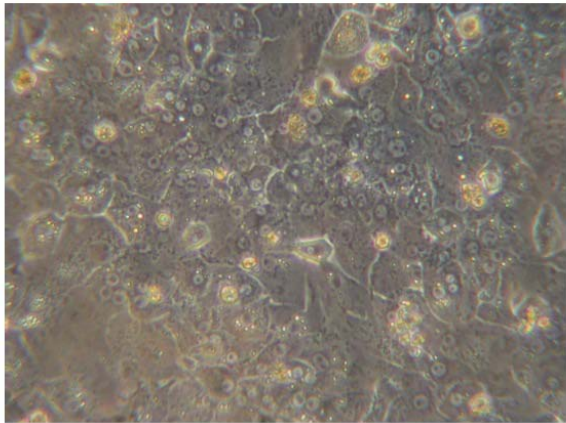
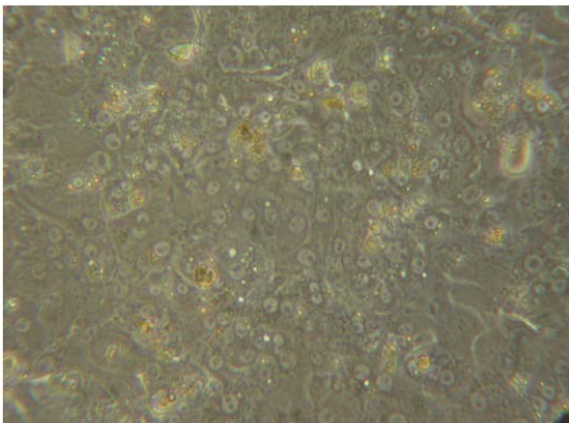


<b>HHCP-I Cryopreserved Plateable Human Hepatocytes for Induction Cell Specification</b>		
Lot HH160512-2		Batch Release: July 01, 2016
Species: Human	Gender: female	Age: 73 years
Cryopreservation: Date: May 12, 2016 Amount per vial: 10.6 x 10 <sup>6</sup> cells	Thawing: Post-thaw viability: 74.7 % Post-thaw yield per vial: 5.2 x 10 <sup>6</sup> cells Recovery: 49 %	
Phase contrast on day 2 after thawing 		Phase contrast on day 3 after thawing 
Recommended seeding density on collagen-coated plates: 284,000 cells per cm <sup>2</sup> 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	7.5 ± 3.8	2.8
Induction with 25 µM beta-naphthoflavon	52.7 ± 3.4	19.7

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

Issued by: J. Jia

Checked by: C. Garve