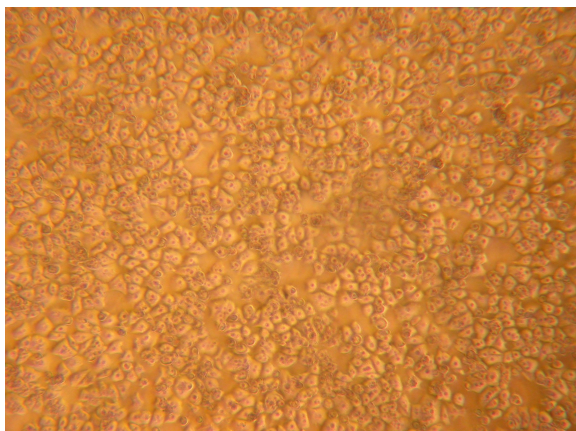
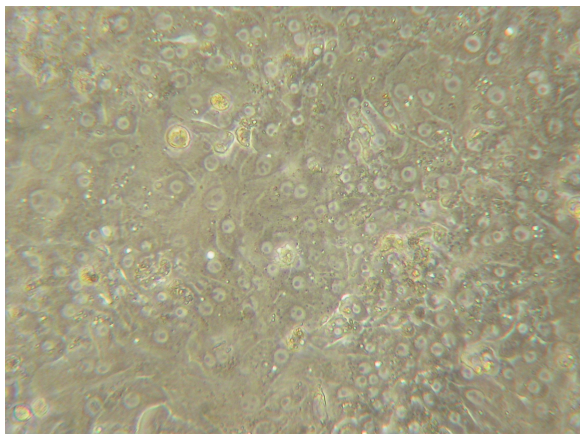


HHCP-I Cryopreserved Plateable Human Hepatocytes for Induction Cell Specification		
Lot HH160531-2		Batch Release: Dec 22, 2016
Species: Human		Gender: female Age: 59 years
Cryopreservation: Date: May 31, 2016 Amount per vial: 5 x 10 ⁶ cells		Thawing: Post-thaw viability: 81 % Post-thaw yield per vial: 2.4 x 10 ⁶ cells Recovery: 48 %
Phase contrast on thawing day 		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) 1.9 ± 0.01	x-fold induction 1.6

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

Issued by: A. Ullrich

Checked by: -