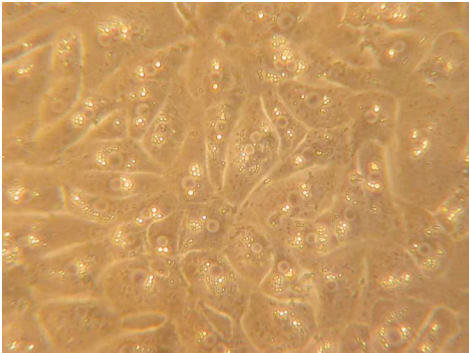
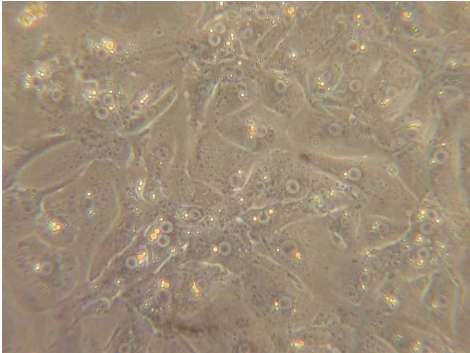


CHCP-I Cryopreserved Plateable Cynomolgus Hepatocytes for Induction assays Cell Specification		
Lot CH130522		Batch Release: July 12, 2013
Species: <i>Macaca fascicularis</i> Gender: male Age: 4 years 3 months		Serology: negative for Filovirus/Ebola-like, SRV, SIV, STLV-1
Cryopreservation: Date: May 22, 2013 Amount per vial: 10 x 10 ⁶ cells		Thawing: Post-thaw viability: 87 % Post-thaw yield per vial: 7.8 x 10 ⁶ cells Recovery: 78 %
Phase contrast on day 2 after thawing 		Phase contrast on day 3 after thawing 
Recommended seeding density on collagen-coated plates: 210,000 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-naphthoflavone	9.2 ± 0.2	3.5
Induction with 25 µM beta-naphthoflavone	11.9 ± 0.6	4.5

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