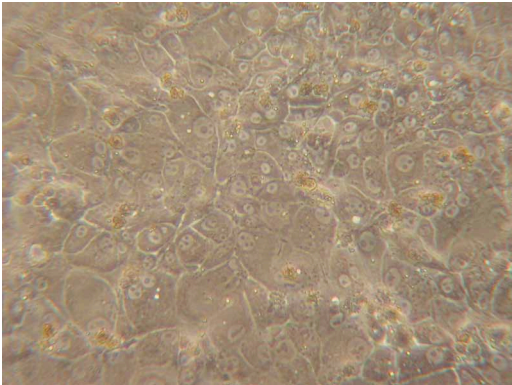
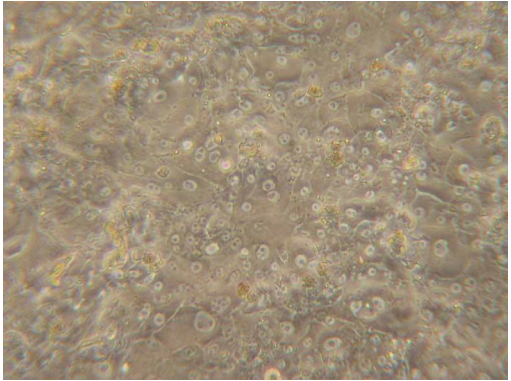


GMHCP-I Cryopreserved Plateable Göttingen Minipig Hepatocytes for Induction Cell Specification		
Lot GMH140428-1		Batch Release: May 28, 2014
Species:	Göttingen minipig	Gender: male Age: 6 months
Cryopreservation: Date: Amount per vial:	April 28, 2014 10.3 x 10 ⁶ cells	Thawing: Post-thaw viability: 60 % Post-thaw yield per vial: 5.6 x 10 ⁶ cells Recovery: 54 %
Phase contrast on day 3 after thawing 		Phase contrast on day 5 after thawing 
Recommended seeding density on collagen-coated plates: 314,000 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	7.2 ± 0.6	13.3
Induction with 25 µM beta-naphthoflavon	5.9 ± 1.3	10.9

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