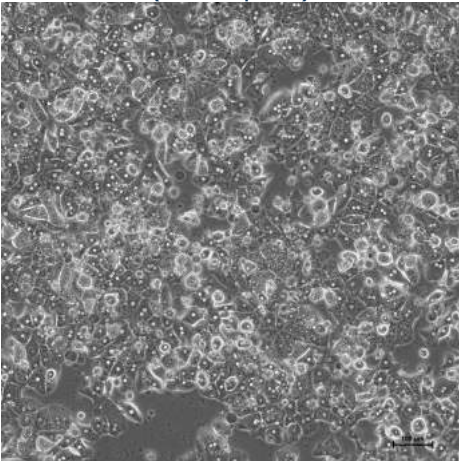
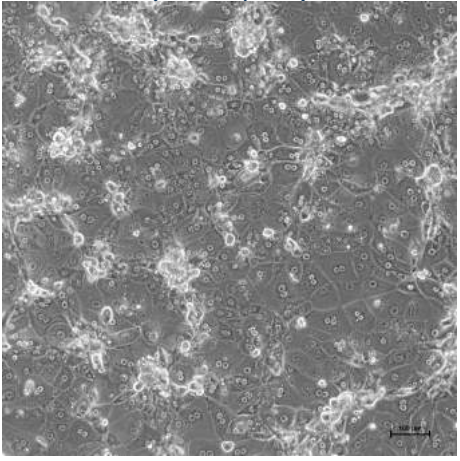


**BHCP-I Cryopreserved Plateable Beagle Hepatocytes for Induction assays**  
**Cell Specification**

Lot BH170907-2      Batch Release: Feb 9, 2018

Species: Beagle Gender: female	Age: 1 year 3 months	
Cryopreservation: Date: September 07, 2017 Amount per vial: 10.0 x 10 <sup>6</sup> cells	Thawing: Post-thaw viability: 88.6 % Post-thaw yield per vial: 6.06 x 10 <sup>6</sup> cells Recovery: 60.6 %	
Phase contrast on day 1 after thawing (24well plate)	Phase contrast on day 3 after thawing (24well plate)	
		
Recommended seeding density on collagen-coated plates: 24well plate – 400,000 cells/well 96well plate – 90,000 cells/well Culture in Human Hepatocyte Maintenance Medium (HHMM).		
CYP P450 activity in culture after thawing:	pmol/(mg × min)	X-fold induction
Ethoxyresorufin-O-deethylation:	24well: 88.2 ± 5.8	27.7
Induction with 25 µM beta-naphthoflavone	96well: 173.1 ± 17.0	29.5
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: M. Thiede	Checked by: A. Ullrich	