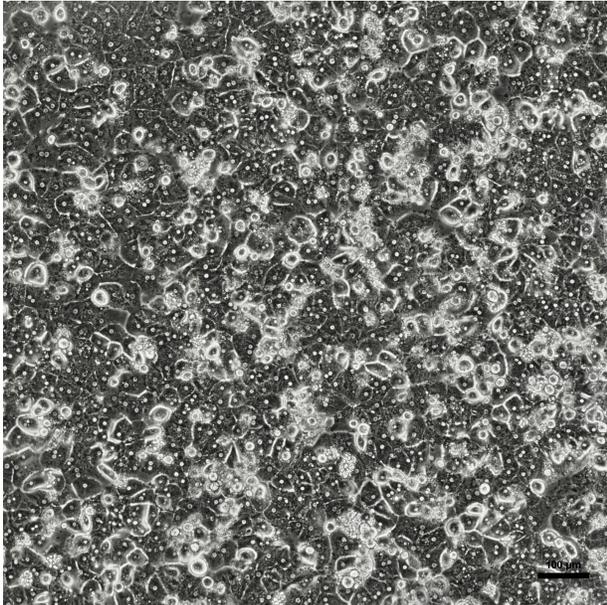
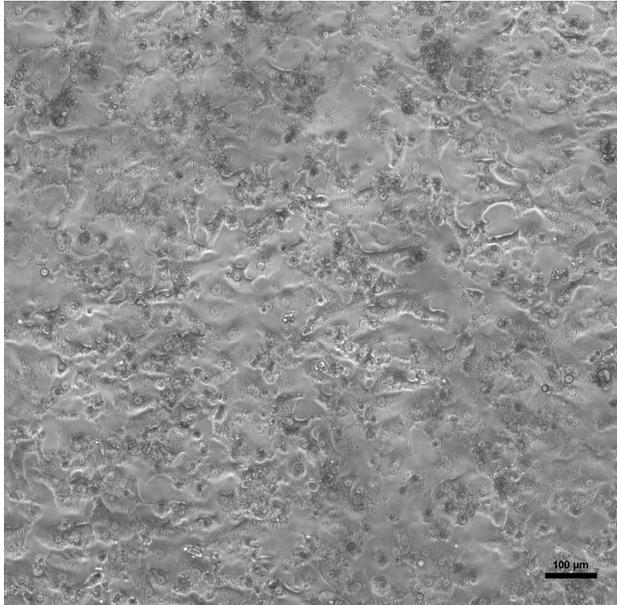


BHCP-I Beagle Hepatocytes Cryopreserved Plateable for Induction Assays Cell Specification – Certificate of Analysis (CoA)		
Lot BH201019		Batch Release: May 14, 2024
Species: Beagle	Gender: male Age: 19 months	
Cryopreservation: Date: Oct 19, 2020 Amount per vial: 10.0 x 10 ⁶ cells	Thawing: n=3 Post-thaw viability: 89.2 ± 3.4 % Post-thaw yield per vial: 5.7 ± 0.8 x 10 ⁶ cells Recovery: 56.9 ± 7.5 %	
Phase contrast on day 1 after thawing (24well plate)	Phase contrast on day 3 after thawing (24well plate)	
		
Recommended seeding density on Corning collagen-coated plates: 24well plate – 500,000 cells/well // 96well plate – 70,000 cells/well Culture in Human Hepatocyte Maintenance Medium (HHMM).		
CYP P450 activity in culture after thawing from day 1 to 3 (n=1) Ethoxyresorufin-O-deethylation: Induction with 25 µM β-Naphthoflavone	pmol/(mg × min) 96well: 155.8 ± 16.5	X-fold induction 11.3
<p>Note: Yield, viability, recovery and activity assays were performed at PRIMACYT using PRIMACYT's manual for thawing, plating and culture of primary cryopreserved hepatocytes.</p> <p>Store at -150 °C or in the vapour phase of LN₂</p> <p>This product should be considered as potential biohazard. Only intended for <i>in vitro</i> use.</p>		
Issued by: A. Sattler		Verified by: K. Damrau

