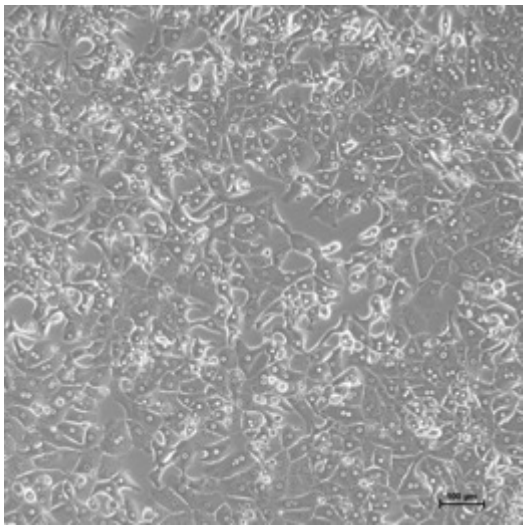
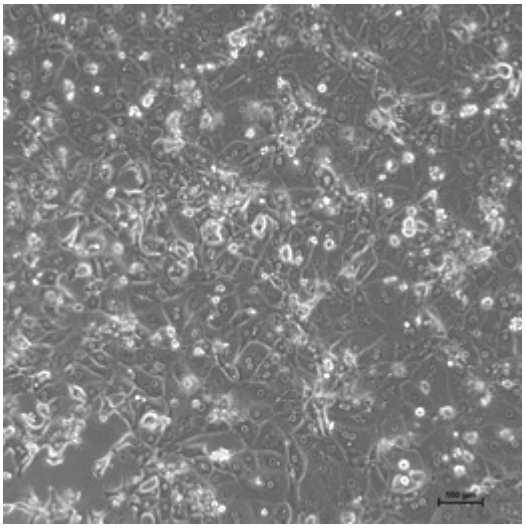
PRIMACYT
Cell Culture Technology

BHCP-I Beagle Hepatocytes Cryopreserved Plateable for Induction assays Cell Specification	
Lot BH181205	Batch Release: July 24, 2020

Species: Beagle Gender: male	Age: 11 months
Cryopreservation: Date: December 05, 2018 Amount per vial: 10.0 x 10^6 cells	**Thawing:** Post-thaw viability: 89.6 % Post-thaw yield per vial: 6.2 x 10^6 cells Recovery: 61.8 %
Phase contrast on day 2 after thawing (24well plate) 	Phase contrast on day 3 after thawing (24well plate) 

Recommended seeding density on corning 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: 94.8 ± 8.8	11.1
Induction with 25 µM beta-naphthoflavone	96well: 410.4 ± 225.1	5.4

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

Store at -150 °C or in the vapour phase of LN_2

This product should be considered as potential biohazard. Only intended for *in vitro* use.

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