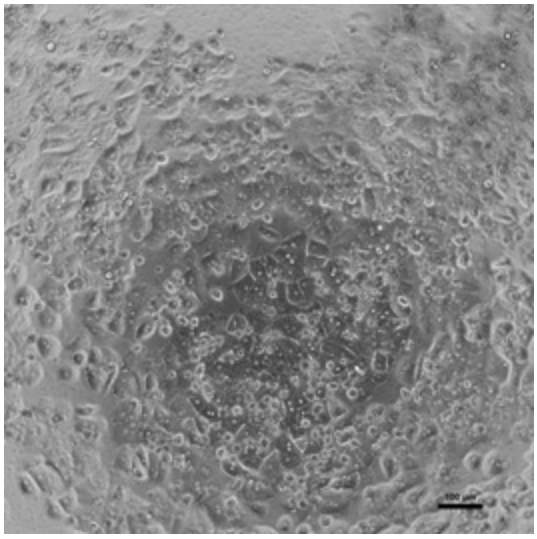
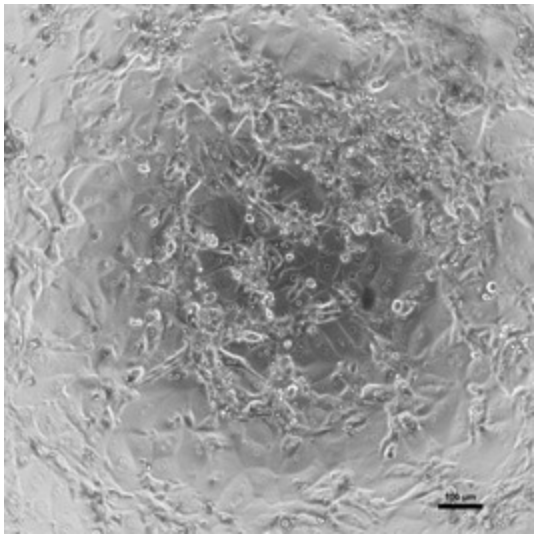
PRIMACYT
Cell Culture Technology

BHCP-I Beagle Hepatocytes Cryopreserved Plateable for Induction Assays **Cell Specification – Certificate of Analysis (CoA)**	
Lot BH201019	Batch Release: January 14, 2021 updated: December 14, 2023

Species: Beagle	Gender: male Age: 19 months
Cryopreservation: Date: Oct 19, 2020 Amount per vial: 10 x 10^6 cells	**Thawing:** n=2 Post-thaw viability: 87.2 ± 0.7 % Post-thaw yield per vial: 6.1 ± 0.2 x 10^6 cells Recovery: 61.2 ± 1.7 %
Phase contrast on day 1 after thawing (96well plate) 	Phase contrast on day 3 after thawing (96well plate) 
Recommended seeding density on Corning collagen-coated plates: 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 ß-Naphthoflavone	pmol/(mg × min) 96well: 155.8 ± 16.5	X-fold induction 11.3

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.

Issued by J. Krinitskij Verified by K. Damrau

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