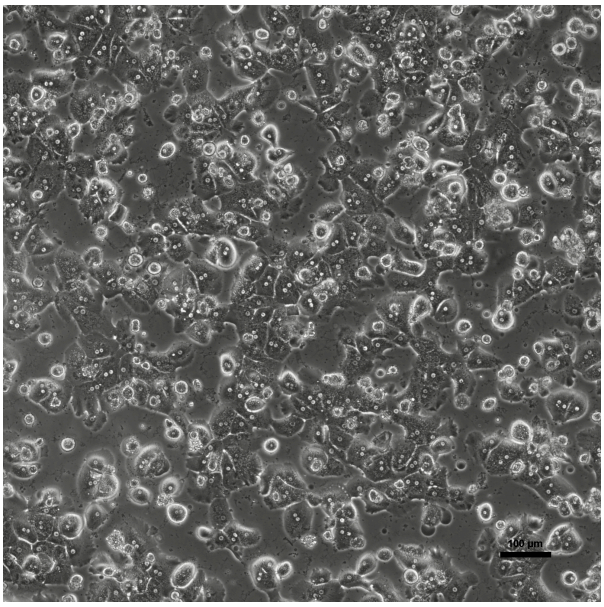
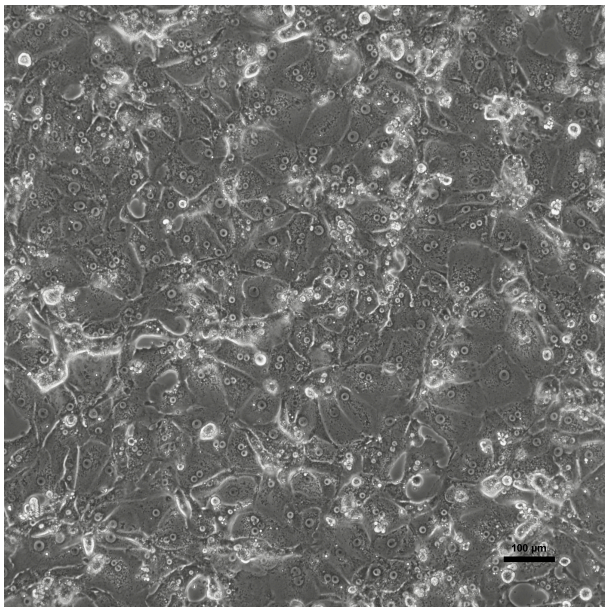
PRIMACYT
Cell Culture Technology

BHCP Beagle Hepatocytes Cryopreserved Plateable Cell Specification – Certificate of Analysis (CoA)	
Lot BH170816-2	Batch Release: July 21, 2023

Donor data	
Species: Beagle	Gender: female Age: approx. 10 months

Cryopreservation and Thawing	
Cryopreservation: Date: August 16, 2017 Amount per vial: 10.1 x 10^6 cells	**Thawing:** n=2 Post-thaw viability: 85.2 ± 6.9 % Post-thaw yield per vial: 4.8 ± 0.5 x 10^6 cells Recovery: 51.5 ± 4.7 %

2D culture	
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 Culture in Human Hepatocyte Maintenance Medium (HHMM).	

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Suspension culture

Viability test on orbital shaker (Eppendorf Thermomixer C, 1000 rpm at 37 °C with 0.5 x 10^6 cells in 0.5 ml HPM-Cryo):

Time (h)	0	0.5	1	1.5	2	3	4	5
Viability (%)	85.2	75.8	79.6	76.8	80.4	81.5	74.4	70.3

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.

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