

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

Lot BH150917

Batch Release: Jan 08, 2016

Species:	Beagle	Gender:	male
		Age:	1 year 2 months
Cryopreservation:		Thawing:	
Date:	September 17, 2015	Post-thaw viability:	82.3 %
Amount per vial:	10 x 10 <sup>6</sup> cells	Post-thaw yield per vial:	6.7 x 10 <sup>6</sup> cells
		Recovery:	67 %
Phase contrast on day 1 after thawing		Phase contrast on day 3 after thawing	
			
Recommended seeding density on collagen-coated plates:		210,000 cells per cm <sup>2</sup>	
Culture in Human Hepatocyte Maintenance Medium (HHMM).			
CYP P450 activity in culture after thawing:		pmol/(mg × min)	x-fold induction
Ethoxyresorufin-O-deethylation: Induction with 25 µM beta-naphthoflavone		51.3 ± 0.8	22.1

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