


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