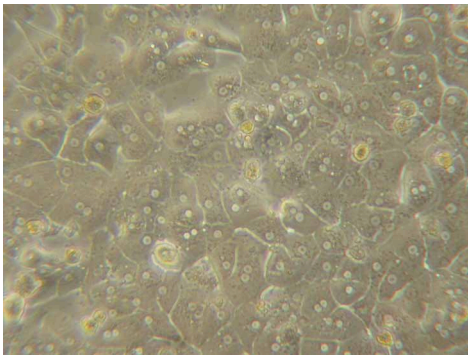
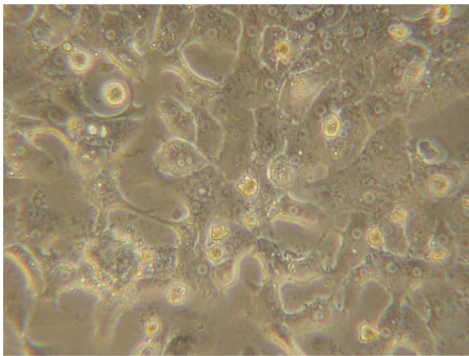
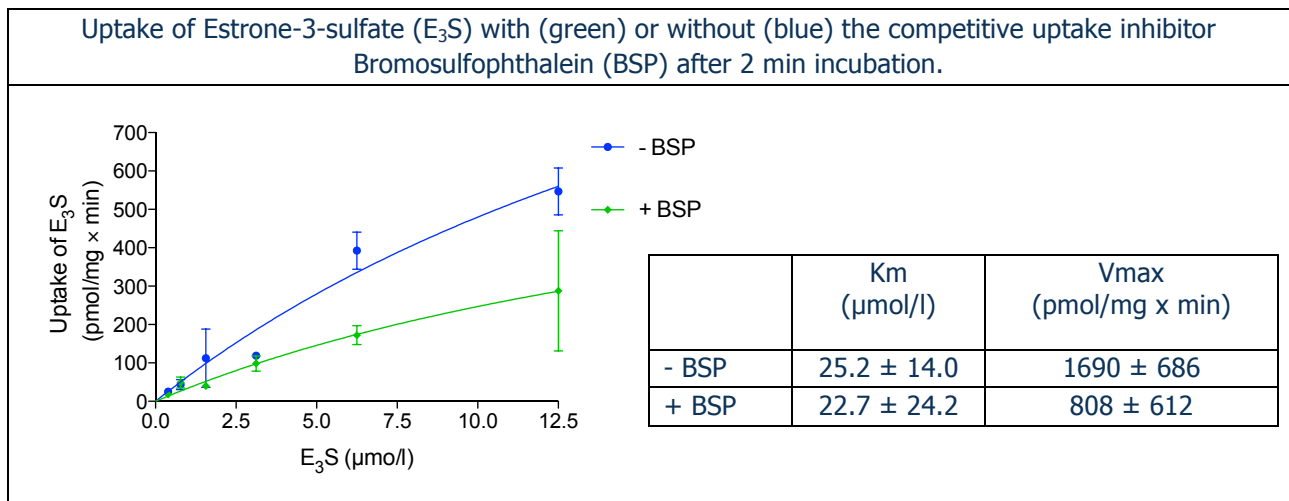


BHCP-I-T Cryopreserved Plateable Beagle Hepatocytes for Induction and Transporter assays
Cell Specification

Lot BH130802	Batch Release: December 10, 2013
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Species: Beagle	Gender: male				
	Age: 8 months				
Cryopreservation: Date: August 2, 2013 Amount per vial: 10 x 10 ⁶ cells	Thawing: Post-thaw viability: 66.6 % Post-thaw yield per vial: 7.5 x 10 ⁶ cells Recovery: 75 %				
Phase contrast on day 1 after thawing 	Phase contrast on day 2 after thawing 				
Recommended seeding density on collagen-coated plates: 283,000 cells per cm ² Culture in Human Hepatocyte Maintenance Medium (HHMM).					
CYP P450 activity in culture after thawing: Ethoxyresorufin-O-deethylation: Induction with 25 µM beta-naphthoflavone	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">pmol/(mg × min)</td> <td style="width: 50%;">x-fold induction</td> </tr> <tr> <td style="text-align: center;">44.7 ± 2.3</td> <td style="text-align: center;">3.6</td> </tr> </table>	pmol/(mg × min)	x-fold induction	44.7 ± 2.3	3.6
pmol/(mg × min)	x-fold induction				
44.7 ± 2.3	3.6				



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