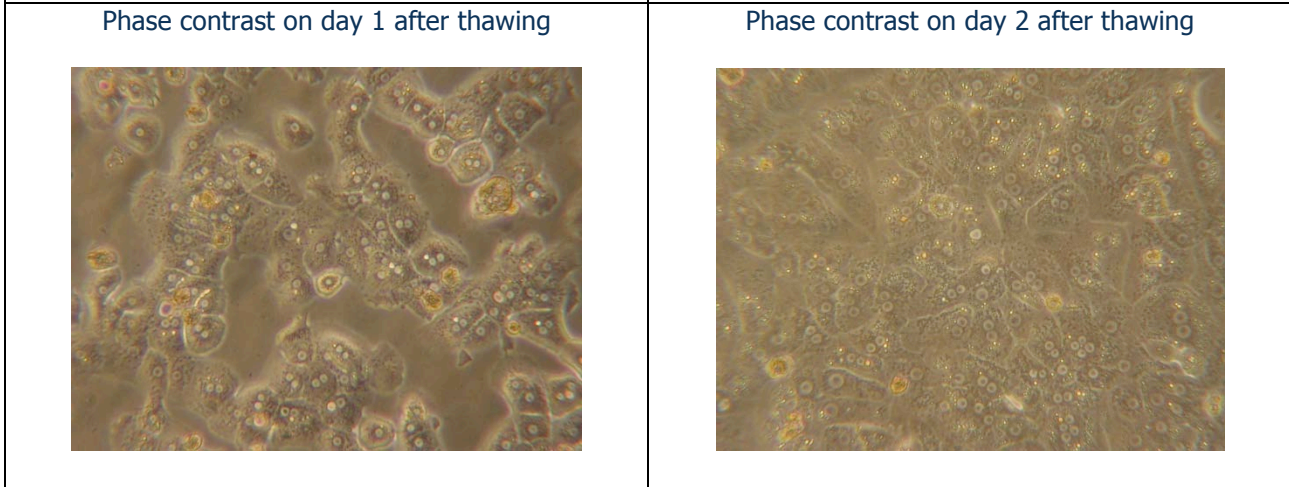


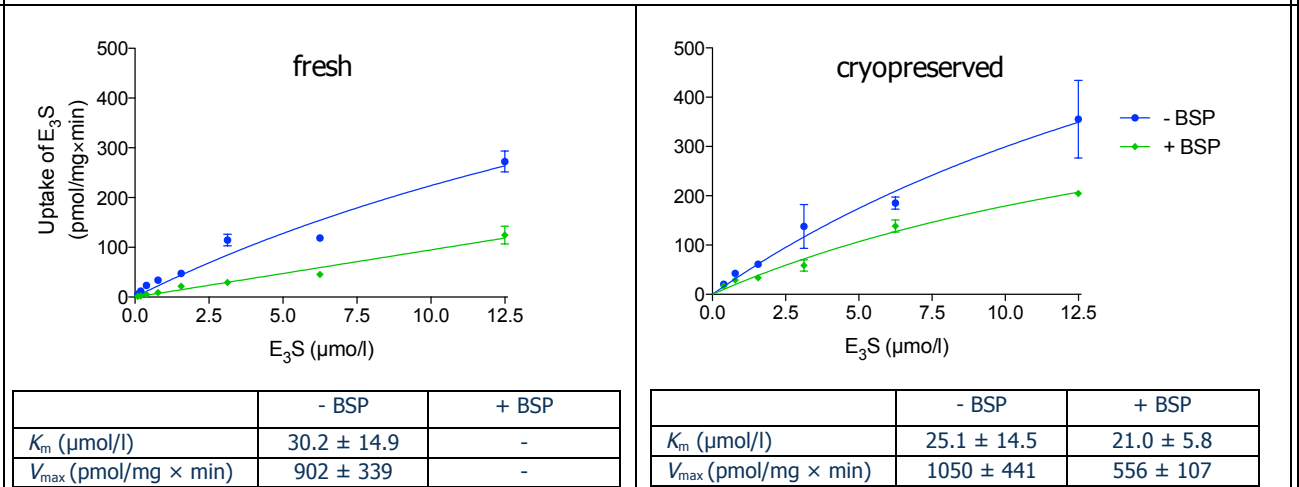
<b>CHCP-I-T Cryopreserved Plateable Cynomolgus Hepatocytes for Induction and Transporter Assays</b>	
<b>Cell Specification</b>	
Lot CH130806	Batch Release: June 9, 2017

Species: <i>Macaca fascicularis</i> Gender: male                      Age: 4 years 7 months	Serology: negative for Filovirus/Ebola-like, SRV, SIV, STLV-1
Cryopreservation: Date:                                  August 06, 2013 Amount per vial:                      10.1 x 10 <sup>6</sup> cells	Thawing: Post-thaw viability: 82 % Post-thaw yield per vial: 6.6 x 10 <sup>6</sup> cells Recovery: 65 %



Recommended seeding density on collagen-coated plates: 24well plate – 400,000 cells/well 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 10 μM beta-naphthoflavone	3.6 ± 0.1	10.8
Induction with 25 μM beta-naphthoflavone	4.7 ± 0.1	10.3

Uptake Transporters: uptake of Estrone 3-sulfate ( $E_3S$ ) with (green) or without (blue) competitive inhibitor Bromosulphophthalein (BSP, 100  $\mu M$ ) in fresh and cryopreserved hepatocytes after 2 min incubation.



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

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