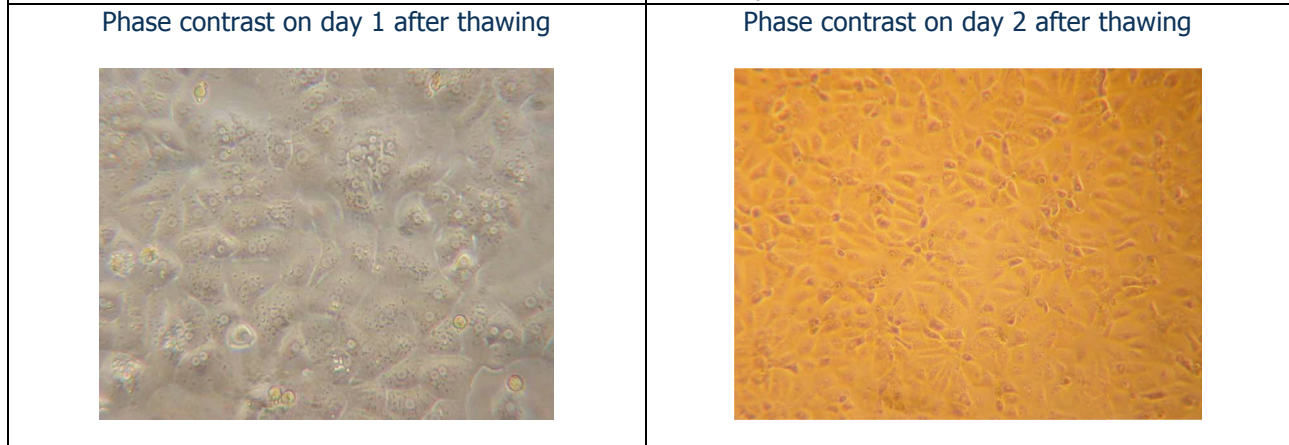


CHCP-I-T Cryopreserved Plateable Cynomolgus Hepatocytes for Induction and Transporter assays
Cell Specification

Lot CH120717-2 A	Batch Release: April 12, 2013
------------------	-------------------------------

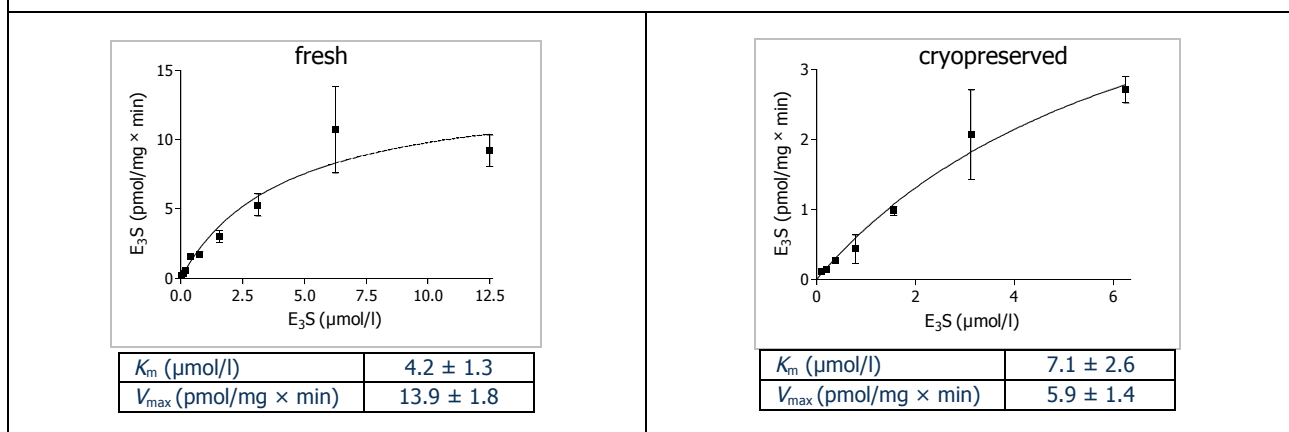
Species: <i>Macaca fascicularis</i> Gender: male Age: 6 years 5 months	Serology: negative for Filovirus/Ebola-like, SRV, SIV, STLV-1
Cryopreservation: Date: July 17, 2012 Amount per vial: 10 x 10 ⁶ cells	Thawing: Post-thaw viability: 87 % Post-thaw yield per vial: 5.8 x 10 ⁶ cells Recovery: 58 %



Recommended seeding density on collagen-coated plates: 290,000 cells per cm²
Culture in Human Hepatocyte Maintenance Medium (HHMM).

CYP P450 activity in culture after thawing: Ethoxyresorufin-O-deethylation: Induction with 10 µM beta-naphthoflavone Induction with 25 µM beta-naphthoflavone	pmol/(mg × min)	x-fold induction
	5.2 ± 0.9 7.3 ± 0.3	13.6 18.9

Uptake transporters: uptake of Estrone 3-sulfate (E₃S) in 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.