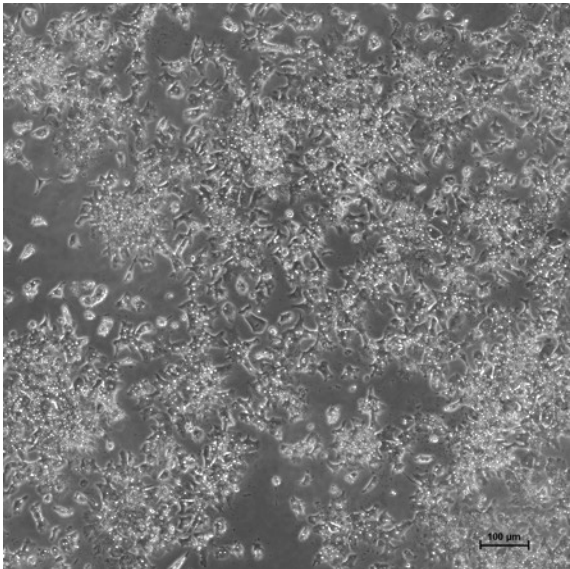
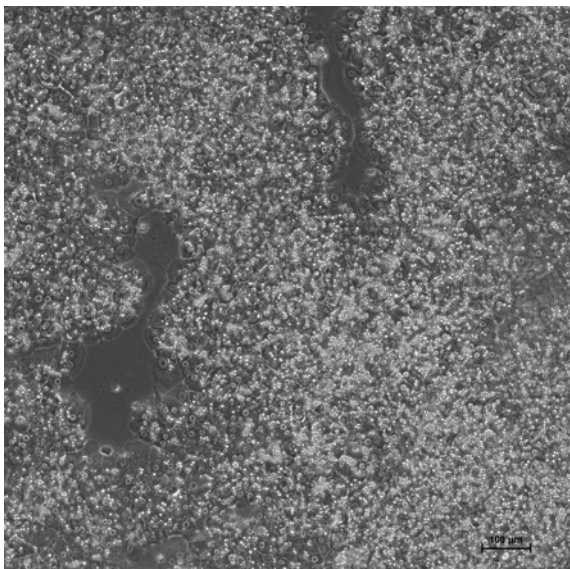


DHCP-I Duck Hepatocytes Cryopreserved Plateable for Induction assays		
Cell Specification		
Lot DH181010-3		Batch Release: October 04, 2019
Species: <i>Anas platyrhynchos domestica</i> (Pekin duck)		Gender: male Age: approx. 6 weeks
Cryopreservation: Date: Oct 10, 2018 Amount per vial: 10.0×10^6 cells		Thawing: n=2 Post-thaw viability: $96.0 \pm 3.0 \%$ Post-thaw yield per vial: $5.3 \pm 1.1 \times 10^6$ cells Recovery: $52.8 \pm 11.0 \%$
Phase contrast on day 1 after thawing (24well plate) 		Phase contrast on day 3 after thawing (24well plate) 
Recommended seeding density on uncoated plates: 24well plate – 400,000 cells/well 96well plate – 70,000 cells/well Culture in Human Hepatocyte Maintenance Medium (HHMM).		
CYP P450 activity in culture after thawing: Ethoxyresorufin-O-deethylation: Induction with 25 µM beta-naphthoflavone	pmol/(mg × min) 24well: 76.6 ± 2.2 96 well: 43.2 ± 5.5	X-fold induction 10.7 2.7
Note: Yield, viability, recovery and activity assays were performed at PRIMACYT using PRIMACYT's manual for thawing, plating and culture of primary cryopreserved hepatocytes.		
Store at -150 °C or in the vapour phase of LN₂		
This product should be considered as potential biohazard. Only intended for <i>in vitro</i> use.		
Issued by: J. Krinitskij		Verified by: A. Ullrich