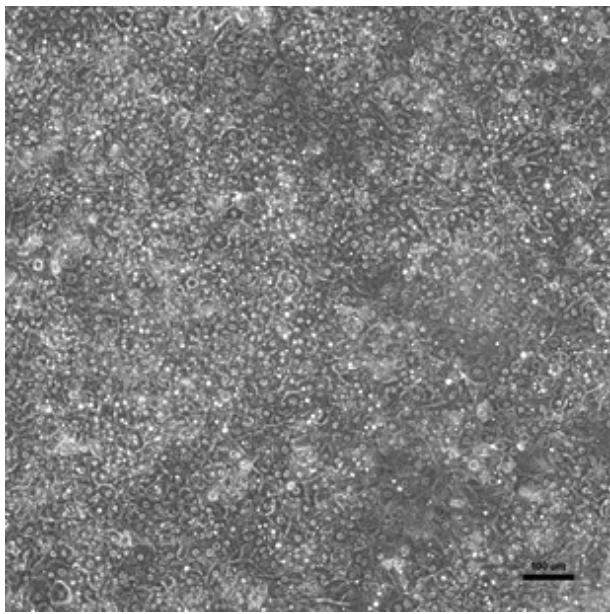
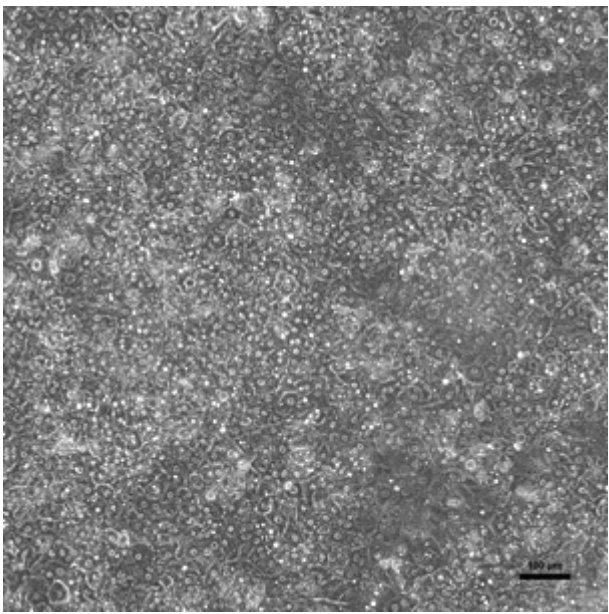


HHCP-I Cryopreserved Plateable Human Hepatocytes for Induction Cell Specification		
Lot HH200122		Batch Release: June 26, 2020
Species: Human	Gender: male Size: 160 cm Smoker (15 cigarettes/day)	Age: 51 years Weight: 42 kg
Serology: HAV, HBV, HCV, HIV 1/2: negative	Diagnosis: HCC (Hepatocellular Carcinoma)	
Medical History: none	Therapy: liver partial resection, segment II	
Cryopreservation: Date: January 22, 2020 Amount per vial: 10.0 x 10 ⁶ cells	Thawing: n = 2 Post-thaw viability: 90.2 ± 2.1 % Post-thaw yield per vial: 4.0 ± 0.6 x 10 ⁶ cells Recovery: 40 ± 6.2 %	
Phase contrast on day 1 after thawing (24well plate)	Phase contrast on day 3 after thawing (24well plate)	
		
<p>Recommended seeding density on collagen-coated plates: 24well plate – 400,000 cells/well 96well plate – 70,000 cells/well Use Corning collagen coated plates. Culture in Human Hepatocyte Maintenance Medium (HHMM).</p>		
CYP P450 activity in culture after thawing: Ethoxyresorufin-O-deethylation: Induction with 25 µM β-naphthoflavone	n = 2 pmol/ (mg × min) 24well: 16.0 ± 9.0 96well: 41.4 ± 13.1	n = 2 x-fold induction 2.9 5.6

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

Store at -150 °C or in the vapour phase of LN₂

This product should be considered as potential biohazard. Only intended for *in vitro* use.

Issued by: J. Krinitskij

Verified by: T.Krimmling