

HHCS Cryopreserved Human Hepatocytes for Suspension Assays
Cell Specification – Certificate of Analysis (CoA)

Lot HH111024

Batch Release: November 11, 2021

Species: Human	Gender: male	Age: 2 months												
Serology: HAV, HBV, HCV, HIV 1/2: negative	Diagnosis: Ornithin-Transcarbamylase deficiency													
Medical History: -	Therapy: liver transplantation													
Medication: unknown														
Cryopreservation: Date: October 24, 2011 Amount per vial: 10.0 x 10 ⁶ cells	Thawing: n=2 Post-thaw viability: 92.8 ± 3.4 % Post-thaw yield per vial: 7.0 ± 0.3 x 10 ⁶ cells Recovery: 70.0 ± 2.8 %													
Viability test on orbital shaker (Eppendorf Thermomixer C, 1000 rpm at 37 °C with 0.5 x 10 ⁶ cells in 0.5 ml HM-Cryo):														
<table><tr><td>Time (h)</td><td>0</td><td>0.5</td><td>1</td><td>1.5</td><td>2</td></tr><tr><td>Viability (%)</td><td>95.2</td><td>74.5</td><td>92.5</td><td>90.7</td><td>96.6</td></tr></table>			Time (h)	0	0.5	1	1.5	2	Viability (%)	95.2	74.5	92.5	90.7	96.6
Time (h)	0	0.5	1	1.5	2									
Viability (%)	95.2	74.5	92.5	90.7	96.6									
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 <i>in vitro</i> use.														
Issued by J. Krinitskij	Verified by D. Kwapiszewski													