

CHCS Cryopreserved Cynomolgus Hepatocytes for Suspension Assays	
Cell Specification – Certificate of Analysis (CoA)	
Lot CH110921	Batch Release: March 1, 2016 Updated: January 07, 2021

Species: <i>Macaca fascicularis</i> Gender: male Age: 4 years 7 months	Serology: negative for Filovirus/Ebola-like, SRV, SIV, STLV, Herpes B
--	---

Cryopreservation: Date: September 21, 2011 Amount per vial: 10.0 x 10 ⁶ cells	Thawing: n=5 Post-thaw viability: 91.9 ± 2.2 % Post-thaw yield per vial: 7.8 ± 1.7 x 10 ⁶ cells Recovery: 77.6 ± 17.4 %
--	---

Viability test on orbital shaker (Eppendorf Thermomixer C, 1000 rpm at 37 °C with 0.5 x 10⁶ cells in 0.5 ml HPM Cryo):
n = 1

Time (h)	0	0.5	1	1.5	2
Viability (%)	94.2	78.2	63.8	73.8	73.9

Determination of CYP activities in suspension (Eppendorf Thermomixer C, 1000 rpm at 37 °C with 0.5 x 10⁶ cells in 0.5 ml HPM Cryo):

Assay	Enzyme activities (pmol/min*mg protein)	
	mean ± SD	
Phenacetin-O-deethylase	16.5 ± 0.6	
Bupropion-hydroxylase	63.6 ± 1.7	
Midazolam 1'-hydroxylase	159.0 ± 3.1	

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
Updated by J. Krinitskij

Verified by A. Ullrich
Verified by T. Krimmling