

CHCS Cryopreserved Cynomolgus Hepatocytes for Suspension Assays Cell Specification – Certificate of Analysis (CoA)	
Lot CH120203-1b	Batch Release: April 16, 2019 Updated: January 07, 2021

Species: <i>Macaca fascicularis</i> Gender: female Age: 5 years 5 months	Serology: negative for Filovirus/Ebola-like, SRV, SIV, STLV, Herpes B
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Cryopreservation: Date: February 03, 2012 Amount per vial: 10.9 x 10 ⁶ cells	Thawing: n=2 Post-thaw viability: 82.2 ± 3.0 % Post-thaw yield per vial: 4.2 ± 0.7 x 10 ⁶ cells Recovery: 43.5 ± 0.2 %
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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	2	3	4	5
Viability (%)	84.3	63.2	54.8	70.2	64.8	61.9	68.4

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	22.3 ± 0.6
Bupropion-hydroxylase	135.8 ± 6.2
Midazolam 1'-hydroxylase	102.3 ± 1.7

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 *in vitro* use.

Issued by J. Krinitskij
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