PRIMACYT
Cell Culture Technology

DHCS Cryopreserved Duck (Mallard duck) Hepatocytes for Suspension Assays Cell Specification – Certificate of Analysis (CoA)	
Lot DH160804-3	Batch Release: Sept 21, 2016 – update Oct 1, 2020

Species: Mallard duck Gender: female	Age: approx. 4-6 months
Cryopreservation: Date: August 04, 2016 Amount per vial: 10.9 x 10^6 cells	**Thawing: n=2** Post-thaw viability: 85.1 ± 6.0 % Post-thaw yield per vial: 2.8 ± 0.7 x 10^6 cells Recovery: 25.5 ± 6.4 %

Viability test on orbital shaker (100-150 rpm at room temperature with 0.54 x 10^6 cells in 0.7 ml HPM Cryo):

Time (h)	0	0.5	1	1.5	2
Viability (%)	80.8	75.7	67.1	68.8	59.2

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 LN_2

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

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