

**DHCS Cryopreserved Duck (Mallard duck) Hepatocytes for Suspension assays  
Cell Specification**

Lot DH160804-2

Batch Release: September 21, 2016

Species: Mallard duck  
Gender: female

Age: approx. 4-6 months

Cryopreservation:  
Date: August 04, 2016  
Amount per vial: 10.3 x 10<sup>6</sup> cells

Thawing: n=2  
Post-thaw viability: 96 %  
Post-thaw yield per vial: 6.6 x 10<sup>6</sup> cells  
Recovery: 64 %

Viability test on orbital shaker (Eppendorf Thermomixer C, 1000 rpm at 14 °C with 0.5 x 10<sup>6</sup> cells in 0.5 ml HPM cryo medium):

Time (h)	0	0.5	1	1.5	2	3
Viability (%)	97.4	94.3	95.5	95.5	80.6	75.0

Determination of CYP activities in suspension:

Substrate	Metabolite	Activity (pmol/min*mg)
7-Ethoxyresorufin	Resorufin	13.9 ± 0.3

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

Datasheet updated July 27, 2018

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