

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

Lot DH160817-3

Batch Release: September 21, 2016

Species: Mallard duck
Gender: female

Age: approx. 4-6 months

Cryopreservation:
Date: August 17, 2016
Amount per vial: 11.2 x 10⁶ cells

Thawing:
Post-thaw viability: 98 %
Post-thaw yield per vial: 8.2 x 10⁶ cells
Recovery: 73 %

Viability test on orbital shaker (100-150 rpm at room temperature with 0.54 x 10⁶ cells in 0.5 ml HPM Cryo):

Time (h)	0	0.5	1	1.5	2	3	4
Viability (%)	97.8	93.1	96.1	92.7	76.2	71.8	50.0

Determination of CYP activities in suspension:

Substrate	Metabolite	Activity (pmol/min*mg)
7-Ethoxyresorufin	Resorufin	11.1 ± 0.4

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Checked by: C. Garve

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