

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

Lot DH160804-2	Batch Release: September 21, 2016
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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: Post-thaw viability: 96 % Post-thaw yield per vial: 7.1 x 10 <sup>6</sup> cells Recovery: 69 %

Viability test on orbital shaker (100-150 rpm at room temperature with 0.54 x 10<sup>6</sup> cells in 0.5 ml HPM Cryo):

Time (h)	0	0.5	1	1.5	2	3
Viability (%)	95.9	94.9	96.9	85.2	90.2	65.7

Determination of CYP activities in suspension:

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

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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.