

Cryopreserved Mouse (C57Bl/6) Hepatocytes -
 Plateable
 Catalog Number: MBCP01
 Lot number: MBL191
 Date (D/M/Y): 22/06/2017



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FOR RESEARCH USE ONLY. CAUTION: Not intended for diagnostic or therapeutic use. Treat all animal derived products as potentially pathogenic. Wear personal protective equipment and practice appropriate laboratory and disposal techniques for potentially pathogenic or bio-hazardous material.

<i>Donor Demographics</i>					
Species	Strain	Sex	Age	# of Animals Pooled	Manufacture Date (D/M/Y)
<i>Mouse</i>	<i>C57Bl/6</i>	<i>Male</i>	<i>7-10 weeks</i>	<i>29</i>	<i>04-10-2016</i>

Storage Conditions: <-150°C

<i>Post-thaw Viability and Cell Quality Assessment</i>			
Thawing Medium Used	Optimal Centrifuge Conditions	% Viability	Viable cell yield per vial
<i>MCRT50</i>	<i>100g x 4min</i>	<i>88.83</i>	<i>6.26 x 10⁶</i>

<i>ECOD</i>			
Isoform	Substrate	Marker Metabolite/ *Substrate Clearance	Activity (pmol/min/10 ⁶ cells)
<i>General</i>	<i>100 uM 7-Ethoxycoumarin</i>	<i>7-Ethoxycoumarin Clearance*</i>	<i>1271</i>
<i>General</i>	<i>100 µM 7-Ethoxycoumarin</i>	<i>7-Hydroxycoumarin</i>	<i>68.58</i>
<i>SULT</i>	<i>100 uM 7-Hydroxycoumarin</i>	<i>7-Hydroxycoumarin Sulfate</i>	<i>143.78</i>
<i>UGT</i>	<i>100 uM 7-Hydroxycoumarin</i>	<i>7-Hydroxycoumarin Glucuronide</i>	<i>145.11</i>

All incubations were concluded at 30 minutes

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