

Cryopreserved Mouse (CD-1) Hepatocytes -
 Plateable
 Catalog Number: MCCP01
 Lot number: MCD198
 Date (D/M/Y): 20/06/2017



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.

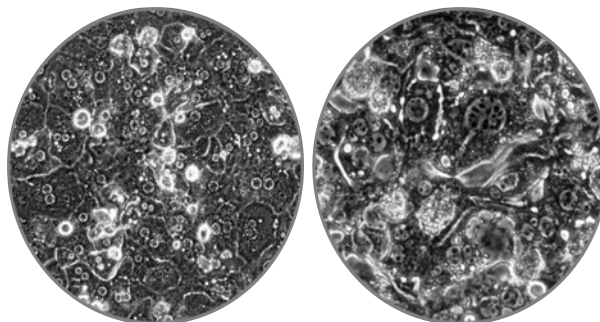
Donor Demographics					
Species	Strain	Sex	Age	# of Animals Pooled	Manufacture Date (D/M/Y)
Mouse	CD-1	Male	8 weeks	21	21-04-2017

Storage Conditions: <-150°C

Post-thaw Viability and Cell Quality Assessment			
Thawing Medium Used	Optimal Centrifuge Conditions	% Viability	Viable cell yield per vial
MCRT50	100g x 4min	84.8	7.2 x 10 ⁶

ECOD			
Isoform	Substrate	Marker Metabolite/ *Substrate Clearance	Activity (pmol/min/10 ⁶ cells)
General	100 uM 7-Ethoxycoumarin	7-Ethoxycoumarin Clearance*	NA
General	100 µM 7-Ethoxycoumarin	7-Hydroxycoumarin	302.7
SULT	100 uM 7-Hydroxycoumarin	7-Hydroxycoumarin Sulfate	55.3
UGT	100 uM 7-Hydroxycoumarin	7-Hydroxycoumarin Glucuronide	679.8

All incubations were concluded at 30 minutes



MCD198, 24hrs, 10x

MCD198, 72hrs, 20x

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