

Animal Cryopreserved Hepatocytes

Lot number: MKC119

Date: 01/29/15



Cryo Characterization Report (CCR)

Monkey (*Cynomologus*) Hepatocytes

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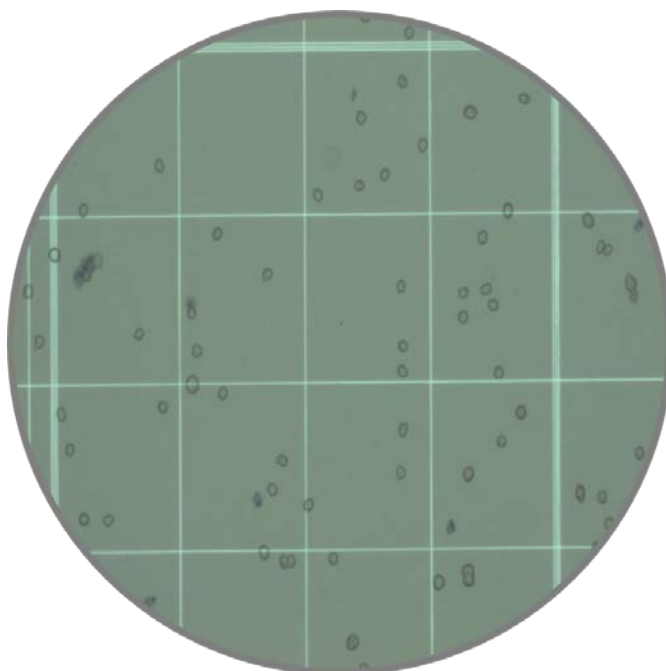
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Donor Demographics			
Species	Strain	Sex	Age
Monkey	<i>Cynomologus</i>	Male	5 years

Post-thaw Viability and Cell Quality Assessment			
Thawing Medium Used	Optimal Centrifuge Conditions	% Viability	Viable cell yield per vial
Animal Thawing and Plating Medium	55 g x 3 minutes	90%	8.0×10^6

Suspension Metabolism			
Isoform	Substrate	Marker Metabolite	Activity (pmol/min/ 10^6 cells)
General	100 μ M 7-Ethoxycoumarin	7-Hydroxycoumarin	2259.5
SULT	100 μ M 7-Hydroxycoumarin	7-Hydroxycoumarin Sulfate	1281.3
UGT	100 μ M 7-Hydroxycoumarin	7-Hydroxycoumarin Glucuronide	106.2

All incubations were concluded at 30 minutes



MKC119, Brightfield, 10x

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