

Animal Cryopreserved Hepatocytes

Lot number: MKC118

Date: 01/09/15



## Cryo Characterization Report (CCR)

Monkey (*Cynomologus*) Hepatocytes

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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.

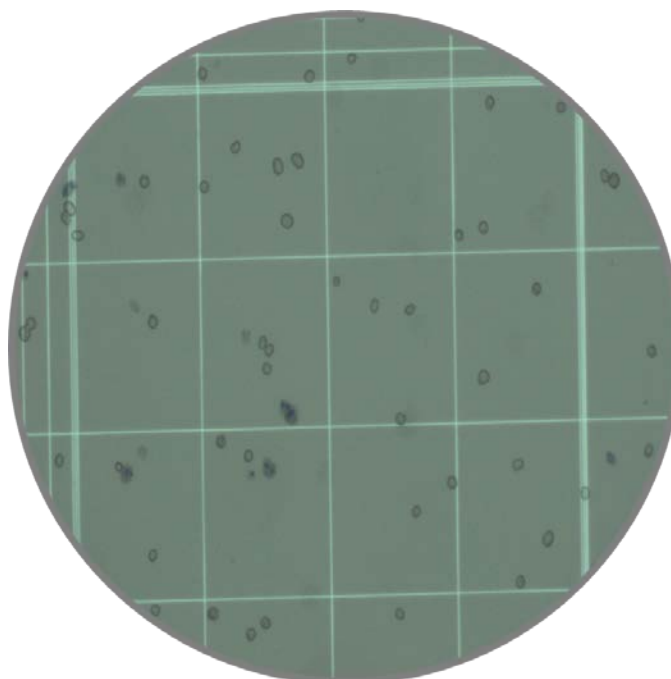
Donor Demographics			
Species	Strain	Sex	Age
Monkey	<i>Cynomologus</i>	Male	XXXX

Post-thaw Viability and Cell Quality Assessment			
Thawing Medium Used	Optimal Centrifuge Conditions	% Viability	Viable cell yield per vial
Animal Thawing and Plating Medium	60 g x 4 minutes	87%	$5.2 \times 10^6$

Suspension Metabolism			
Isoform	Substrate	Marker Metabolite	Activity (pmol/min/ $10^6$ cells)
General	100 $\mu$ M 7-Ethoxycoumarin	7-Hydroxycoumarin	1562.1
SULT	100 $\mu$ M 7-Hydroxycoumarin	7-Hydroxycoumarin Sulfate	818.9
UGT	100 $\mu$ M 7-Hydroxycoumarin	7-Hydroxycoumarin Glucuronide	83.2

All incubations were concluded at 30 minutes



MKC118, Brightfield, 10x

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