

Cryopreserved Monkey (*Cynomolgus*) Hepatocytes

- Plateable

Catalog Number: CYCP01

Lot number: MKC119

Date (D/M/Y): 12/06/2017


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<i>Donor Demographics</i>					
Species	Strain	Sex	Age	# of Animals Pooled	Manufacture Date (D/M/Y)
<i>Monkey</i>	<i>Cynomolgus</i>	<i>Male</i>	<i>5 years</i>	<i>1</i>	<i>01-10-2014</i>

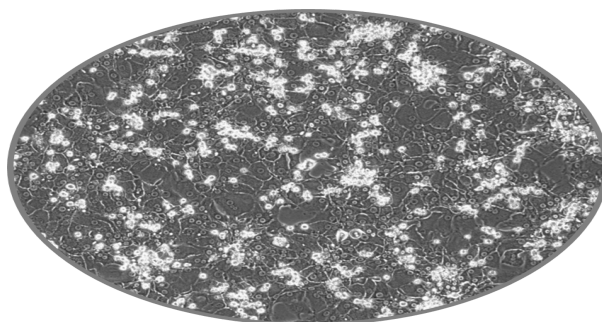
Storage Conditions: &lt;-150°C

<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 8min</i>	<i>95</i>	<i>8.5 x 10<sup>6</sup></i>

<i>Monolayer Assessment</i>				
Plating Medium Used	Well Format	Culture Medium Used	Initial Attachment Efficiency	Monolayer Confluency @ 96hrs
<i>Hepatocyte Plating Medium (MP100)</i>	<i>24 well</i>	<i>Hepatocyte Maintenance Medium (MM250)</i>		

<i>ECOD</i>			
Isoform	Substrate	Marker Metabolite/ *Substrate Clearance	Activity (pmol/min/10 <sup>6</sup> cells)
<i>General</i>	<i>100 uM 7-Ethoxycoumarin</i>	<i>7-Ethoxycoumarin Clearance*</i>	<i>2259.5</i>
<i>General</i>	<i>100 μM 7-Ethoxycoumarin</i>	<i>7-Hydroxycoumarin</i>	
<i>SULT</i>	<i>100 uM 7-Hydroxycoumarin</i>	<i>7-Hydroxycoumarin Sulfate</i>	<i>106.2</i>
<i>UGT</i>	<i>100 uM 7-Hydroxycoumarin</i>	<i>7-Hydroxycoumarin Glucuronide</i>	<i>1281.3</i>

All incubations were concluded at 30 minutes



MKC119, 72Hrs, 10X

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