

Product Characterization Sheet

PCS 171-269

Mouse Hepatocytes

Catalog Number	Lot Number	Strain	Classification	
82038	171-269	C57 BL/6	<p>• Suspension</p>	
Sex	Age/Weight	Infections/Diseases		
Male	11 weeks	Negative		
Taconic Mouse Model Information				
Mouse Model	Description	Nomenclature		
11585	Humanized PXR-CAR-CYP3A4/3A7	C57BL/6-Nr1i3 ^{tm1(NR1i3)Arte} Is(5CYP3A4-CYP3A7;Del5Cyp3a57-Cyp3a59)2ArteNr1i2 ^{tm1(NR1i2)Arte}		
Post-thaw Viability and Yield				
Thawing medium	Optimal centrifuge conditions	Incubation medium	% Viability	Viable cell yield per vial
UCRM™	50 x g for 5 minutes	HQM™	87 %	2.6 x 10 ⁶ cells

Hepatocytes were thawed using 37°C UCRM™ and centrifuged for 5 minutes at 50g. After removing the supernatant, hepatocytes were re-suspended in 4°C HQM™ and counted for viability and yield using the Trypan Blue exclusion method.

IVAL cell culture media and tissue culture plates used in this evaluation:

- Recovery of thawed hepatocytes - Cat. No. 81015 - UCRM™ Universal Cryopreservation Recovery Media, 50 mL tube
- Incubation medium - Cat. No. 81039 - HQM™ Hepatocyte Incubation Media, 50 mL tube

To inquire about our products and services or for technical questions please contact:

- In Vitro ADMET Laboratories by phone at +1 (866) 458-1094 or +1 (410) 869-9037 or email at info@invitroadmet.com