

Product Characterization Sheet

PCS 161-259

Mouse Hepatocytes

Catalog Number	Lot Number	Strain	Classification	
82042	161-259	FVB	<ul style="list-style-type: none"> • Suspension 	
Sex	Age/Weight	Infections/Diseases		
Male	11 weeks	Negative		
Taconic Mouse Model Information				
Mouse Model	Description	Nomenclature		
9048	Humanized Liver CYP3A4	FVB.129P2-Cyp3a13 ^{tm1Ahs} Del(5Cyp3a57-Cyp3a59)1Ahs Tg(APOE-CYP3A4)A1Ahs		
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™	94 %	4.3 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:

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