

Product Characterization Sheet (PCS)



Catalog number	Species	Lot Number	Post Plating Morphology		Quality Grade
82001	Human	HH1024			A
Sex	Age	Ethnicity	Cause of Death		
Male	48	Caucasian	Anoxia – CVA		
Smoking	Alcohol	Substance	Medical Background	Serological Data	
Yes	Yes	Yes	Allergic to bees	CMV-	
Post-thaw Viability and Cell Quality Assessment					
Thawing medium used	Optimal centrifuge conditions		% Viability	Viable cell yield per vial	
UCRM	100 x g for 10 min at RT		87 %	7.5 x 10 ⁶ cells	
Plating Condition					
Plating medium used			Well format		
UPCM			24-well		
Monolayer Assessment					
Optimal seeding density (24-well)		Initial Attachment Efficiency		Monolayer confluence after 5 days	
0.7 x 10 ⁶ cells / mL		90 %		90 %	

P450 Induction Assessment

Lot Number	Fold Induction (mRNA)		
	CYP1A2 (50 uM OMP)	CYP2B6 (1 mM PB)	CYP3A4 (10 uM RIF)
Lot1024	53.6	10.3	23.1

APSciences Cell Culture Media used in this evaluation:

Cat. No. 70044-UCRM Universal Cryopreservation Recovery Media; Unit: 50 mL tube

Cat. No. 70045-UPCM Universal Primary Cell Plating Media; Unit: 50 mL tube

Cat. No. 71006-CellAffix 24-well Collagen Hand Coated tissue culture plate; Unit: 6 pack

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