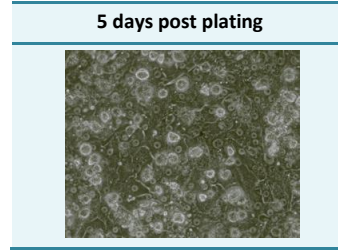


# Product Characterization Sheet (PCS)



Catalog number	Species	Lot Number
82002	Human	HH1025/1026/1027



Quality Grade
A+

Sex	Age	Ethnicity	Cause of Death
Female	59	Caucasian	Anoxia – 2 <sup>nd</sup> to cardiovascular

Smoking	Alcohol	Substance	Medical Background	Serological Data
Yes	Yes	No	History of Scoliosis	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 %	4.4 x 10 <sup>6</sup> 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 <sup>6</sup> cells / mL	100 %	100 %

### P450 Induction Assessment

Fold-induction		
	Activity	mRNA
CYP1A2 (50 µM omeprazole)	5.3	22.7
CYP2B6 (1000 µM phenobarbital)	9.1	10.3
CYP3A4 (10 µM rifampicin)	22.1	44.8

### 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

To place an APSciences order or inquire about our products and services, contact us by phone: 866-458-1094 (toll free in the USA) or +1 (410) 869-9037, email: [info@apsciences.com](mailto:info@apsciences.com) or visit us on the web at <http://www.apsciences.com>