

Product Characterization Sheet (PCS)

| Catalog number | Species | Lot Number |
|----------------|---------|-----------------------|
| 82002 | Human | HH1020/1021/1022/0123 |



| Quality Grade |
|---------------|
| A |

| Sex | Age | Ethnicity | Cause of Death |
|--------|-----|-----------|----------------------------|
| Female | 21 | Caucasian | Anoxia – Drug Intoxication |

| Smoking | Alcohol | Substance | Medical Background | Serological Data |
|---------|---------|-----------|--------------------|------------------|
| Yes | Yes | Yes | Asthma | 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 | 82 % | 5.7 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) |
| Lot1020 | 39.80 | 4.91 | 7.12 |

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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