

Lifeline Cell Technology Certificate of Analysis

Product Name: Renal Proximal Tubule Epithelial Cells
Catalog Number: FC-0013
Product Description: Cryopreserved human renal proximal tubule epithelial cells. Proximal tubule epithelial cells are cryopreserved in P2, after isolation from tissue cells are cultured for two passages and then cryopreserved. Vials contain 500,000 cells in one ml cryopreservation solution.
Product Lot Number: 08484
Manufacture Date: JAN2020
Expiration Date: Not applicable when stored at or below -150° C

Product Information

Donor Demographics: Sex: Male Tissue Source: Kidney Age: 2 years
 Race: Caucasian Cause of Death: MVA
 Recommended Culture Medium: Renal Epithelial Cell Basal Medium, LM-0010, supplemented with Renal Epithelial Cell Growth Kit, LS-1048

| Test | Specifications | Results |
|---------------------------------------|-------------------|--------------------|
| Sterility Test, bacteria and yeast | negative | negative |
| Sterility Test, mycoplasma | negative | negative |
| PCR virus testing: | | |
| Hepatitis B | negative | negative |
| Hepatitis C | negative | negative |
| HIV-1 & HIV-2 | negative | negative |
| Viable Cell Count: | ≥500,000 cells/ml | 1,151,250 cells/ml |
| Viability (by Trypan Blue Exclusion): | >50% viable | 93.4% viable |
| Cell Growth in DermaLife | | |
| Population Doubling capacity | >15 doublings | 15.92 doublings |
| Cell morphology | normal | normal |
| Γ-Glutamyl Transferase Activity | positive | positive |

Picture of P₃Renal Proximal Tubule Epithelial Cells lot 08484 cultured in Renal Epithelial Cell Growth Medium, day 7 in culture from an inoculation of 5,000 cells/cm².



Quality Control: Jeremy Hammond June 19, 2020

Jeremy Hammond, QC Director Lifeline Cell Technology

To place an order call Lifeline technical and customer service at (877) 845-7787 or you may submit an order form by fax to (443) 393-0393. Order form available on line at www.lifelinecelltech.com/order.