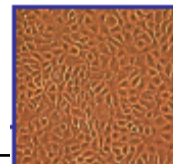


Clonetics™ Prostate Epithelial Cell Systems

PrEC



Introduction

Clonetics™ Prostate Epithelial Cell Systems contain Normal Human Prostate Epithelial Cells (PrEC) and optimized media for their growth. Each System can quickly generate PrEC cultures for experimental applications in benign prostatic hyperplasia (BPH), prostatitis and prostate cancer. Clonetics™ Prostate Epithelial Cell Systems are convenient and easy to use, allowing the researcher to focus on results. PrEC are shipped cryopreserved in second passage or in third passage as proliferating cultures. Clonetics™ Cells, Medium and Reagents are quality tested together and guaranteed to give optimum performance as a complete Cell System.

Cell System Components

- One Prostate Epithelial Cell Product (Cryopreserved or Proliferating)
- One Prostate Epithelial Cell Medium BulletKit™ -500 ml
Clonetics™ PrEGM™, BulletKit™ (CC-3166) contains one 500 ml bottle of Prostate Epithelial Cell Basal Medium and the following growth supplements: BPE, 2 ml; Hydrocortisone, 0.5 ml; hEGF, 0.5 ml; Epinephrine, 0.5 ml; Transferrin, 0.5 ml; Insulin, 0.5 ml; Retinoic Acid, 0.5 ml; Triiodothyronine, 0.5 ml; GA-1000, 0.5 ml.
- One ReagentPack™ (CC-5034), Containing:

Trypsin/EDTA	100 ml
Trypsin Neutralizing Solution	100 ml
HEPES Buffered Saline Solution	100 ml

Characterization of Cells

Routine characterization of PrEC includes morphological observation throughout serial passages and positive staining for Cytokeratin (Clone 8.13).

Performance

Recommended seeding density for subculture	2500 cells/cm ²
Typical time from subculture to confluent monolayer	6 - 9 days
Additional population doublings guaranteed using Clonetics™ System	15

Quality Control

All cells are performance assayed and test negative for HIV-1, mycoplasma, Hepatitis-B, Hepatitis-C, bacteria, yeast and fungi. Cell viability, morphology and proliferative capacity are measured after recovery from cryopreservation. Clonetics™ Media are formulated for optimal growth of specific types of normal human cells. Certificates of Analysis (COA) for each cell strain are shipped with each order. COA for all other products are available upon request.

Lonza

Ordering Information

CC-2555	PrEC, Prostate Epithelial Cells, cryopreserved	≥500,000 cells
CC-2655	PrEC, Prostate Epithelial Cells, proliferating	T-25 Flask
CC-0310	PrEC, Prostate Epithelial Cells, proliferating	T-75 Flask
CC-0088	PrEC, Prostate Epithelial Cells, proliferating	96-well Plate
CC-3166	PrEGM™ BulletKit™, PrEBM™ plus SingleQuots™ of Growth Supplements	500 ml
CC-3165	PrEBM™, Prostate Epithelial Cell Basal Medium	500 ml
CC-4177	PrEGM™ SingleQuots™, Formulates PrEBM™ to PrEGM™	
CC-5034	ReagentPack™	
	Trypsin/EDTA Solution	100 ml
	Trypsin Neutralizing Solution	100 ml
	HEPES Buffered Saline Solution	100 ml

When placing an order or for technical service, please refer to the product numbers and descriptions listed above. For a complete listing of all Clonetics™ Products, refer to the Lonza website or the current Lonza catalog. To obtain a catalog, additional information or technical service you may contact Lonza by web, e-mail, telephone, fax or mail.

Product Warranty

CULTURES HAVE A FINITE LIFESPAN IN VITRO. Lonza warrants its cells only if Clonetics™ Media are used, and the recommended protocols are followed. Cryopreserved PrEC cells are assured to be viable and functional when thawed and maintained properly.

THESE PRODUCTS ARE FOR RESEARCH USE ONLY. Not approved for human or veterinary use, for application to humans or animals, or for use in clinical or in vitro procedures.

WARNING: CLONETICS™ AND POIETICS™ PRODUCTS CONTAIN HUMAN SOURCE MATERIAL, TREAT AS POTENTIALLY INFECTIOUS. Each donor is tested and found non-reactive by an FDA approved method for the presence of HIV-1, Hepatitis B Virus and Hepatitis C Virus. Where donor testing is not possible, cell products are tested for the presence of viral nucleic acid from HIV, Hepatitis B Virus, and Hepatitis C Virus. Testing can not offer complete assurance that HIV-1, Hepatitis B Virus, and Hepatitis C Virus are absent. All human sourced products should be handled at the Biological Safety Level 2 to minimize exposure of potentially infectious products, as recommended in the CDC-NIH Manual, [Biosafety in Microbiological and Biomedical Laboratories](#), 5th Edition. If you require further information, please contact your site Safety Officer or Scientific Support.