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Human Renal Proximal Tubular Epithelial Cells: HRPTEpC

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Cell Apps Flyer Epithelial Cells

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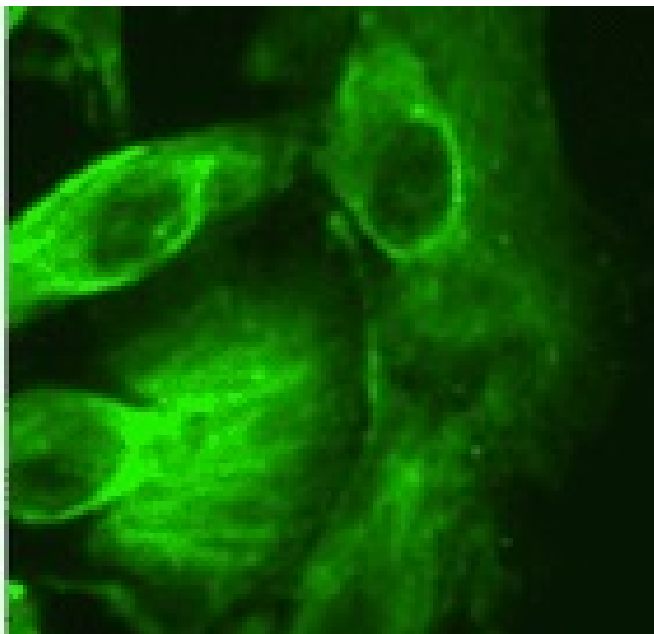
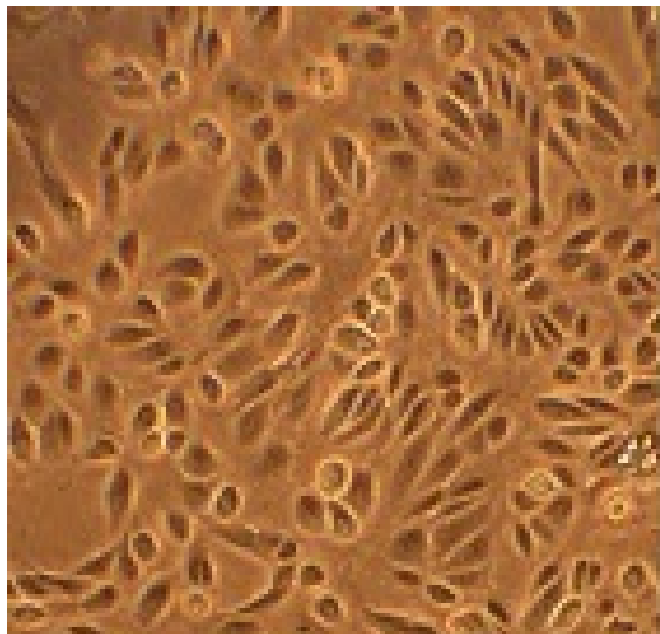
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Description

Human Renal Proximal Tubular Epithelial Cells (HRPTEpC) provide a useful tool for studying various aspects of pathology and biology of human kidney cells in vitro. HRPTEpC from Cell Applications, Inc. have recently been used in a study of metabolic enzymes responding to energy depletion in renal cells, and they a pivotal role in kidney function including reabsorption of glucose and protein, and also play a part in the glucotoxicity associated with diabetes.

Characterization: *Morphology consistent with epithelial origin, and positive for epithelial cell marker cytokeratin 18*



[1]
(Click to Enlarge) **Human Renal Proximal Tubular Epithelial Cells, HRPTEpC**, Confocal image (L) and immunofluorescently stained with anti-CK18 (R)

Details

Tissue	Normal healthy human Kidney
QC	No bacteria, yeast, fungi, mycoplasma, virus
Bioassay	Attach, spread, proliferate in Growth Med
Cryovial	500,000 HRPTEpC (1st or 2nd psg) frozen in Basal Med w/ 10% FBS, 10% DMSO
Kit	Cryovial frozen HRPTEpC (930-05a), Growth Medium (911-500), Subcltr Rgnt Kit (090K)
Proliferating	Shipped in Tsfr Med, psg 3, flasks or plates
Doublings	At least 6
Applications	Laboratory research use only (RUO). Not for human, clinical, diagnostic or veterinary use.

Instructions HRPTEpC

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