



## Certificate of Analysis

### Product Description

Product Name	Immortalized Human Placental Epithelial Cells – SV40
Cat Number	T0530
Lot Number	HC0911
Source Organism	<i>Homo sapiens</i>
Source Organ	Placenta
Viability	>80%
Freezing Medium	Cryopreservation Medium (TM024)
Date of Cryopreservation	Sep 30, 2011
QC Evaluation Medium	Prigrow III (TM003)

### Test for Microbial Contaminants

	Test Method	Results
Bacteria	Direct Culture	Not detected
Fungi	Direct Culture	Not detected
Mycoplasma	PCR	Not detected

### Cell Type Characterization

Gene	Cell Type	Specification		Results
FGF4	Placental	Positive	Pass	FGF4 CDX2 CD54 CD34 CD44
CDX2				
CD54				
CD34	Stem Cell	Positive	Pass	354bp 352bp 418bp 284bp 674bp
CD44				
Cytokeratin 18	Epithelial	Positive	Pass	CK18 CK19 vWF CD31 VEC GAPDH
Cytokeratin 19				
vWF	Endothelial	Negative	Pass	
CD31				228bp 441bp 208bp
VE-Cadherin				
GAPDH	House-Keeping	Positive	Pass	

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.

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