

## Certificate of Analysis


### Product Description

Product Name	Immortalized Hair Follicle Dermal Papilla Cells - hTERT
Cat Number	T0501
Lot Number	HC1113
Source Organism	<i>Homo sapiens</i>
Source Organ	Hair Follicle
Viability	>75%
Freezing Medium	Cryopreservation Medium (TM024)
Date of Cryopreservation	October 14, 2013
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	
SFRP2	Hair Follicle Dermal Papilla	Positive	Pass	<div style="text-align: center;"> SFRP2   SMA-<math>\alpha</math>   GAPDH   </div>
Smooth Muscle Actin- $\alpha$				
GAPDH	House-Keeping	Positive	Pass	<div style="text-align: center;"> Size   776bp   862bp   208bp </div>

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.