



## Certificate of Analysis

### Product Description

Product Name	Immortalized Human Carotid Artery Smooth Muscle Cells – SV40
Cat Number	T0510
Lot Number	VH0713
Source Organism	<i>Homo sapiens</i>
Source Organ	Heart
Viability	>70%
Freezing Medium	Cryopreservation Medium (TM024)
Date of Cryopreservation	July 8, 2013
QC Evaluation Medium	Prigrow II (TM002)

### 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	
Smooth Muscle Actin- $\alpha$	Smooth Muscle	Positive	Pass	
GAPDH	House-Keeping	Positive	Pass	
				Size (bp)    862bp    208bp

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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