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## Human Carotid Artery Smooth Muscle Cells: HCtASMC

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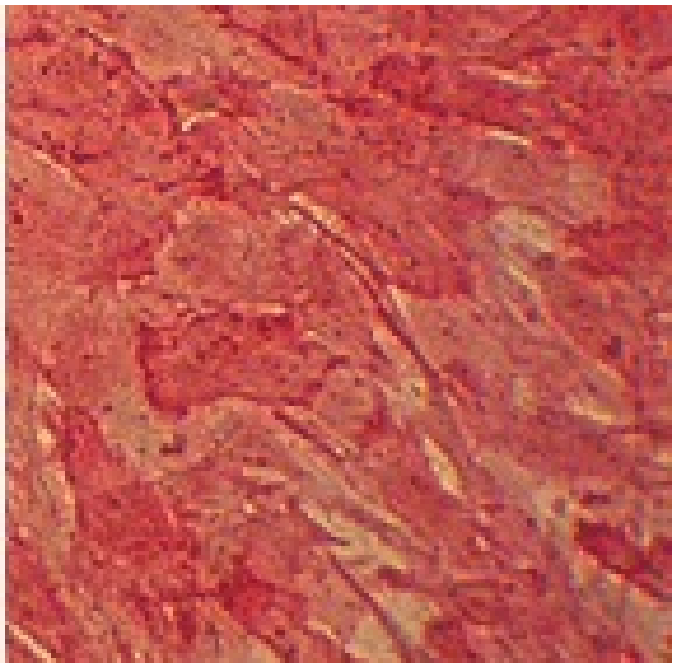
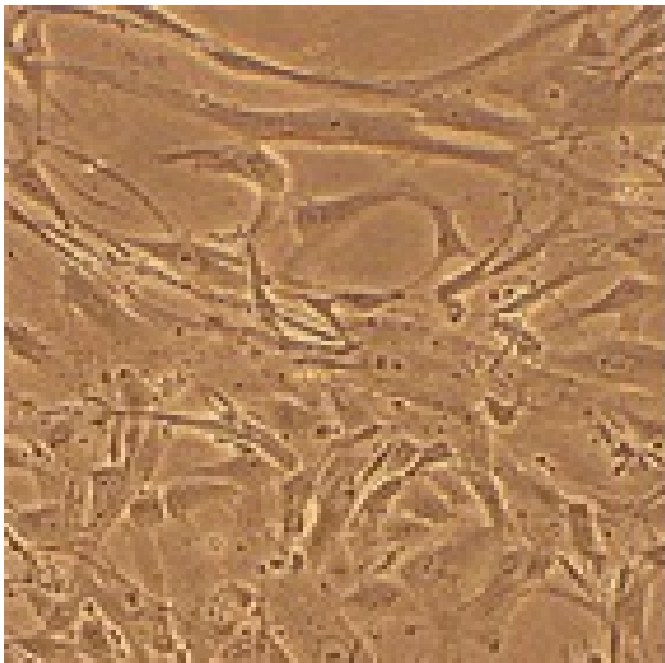
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### Description

**Human Carotid Artery Smooth Muscle Cells (HCtASMC)** provide a useful in vitro system to study all aspects of cardiovascular function and disease, especially those related to mechanisms of hyperplasia and hypertrophy of intimal smooth muscle cells leading to vascular occlusion in atherosclerosis and stent restenosis.

**Characterization:** *positive for smooth muscle cell specific alpha-actin expression.*



[1]  
(Click to Enlarge) **Human Carotid Artery Smooth Muscle Cells: HCtASMC**, from major blood vessels that deliver blood to the brain.

## Details

<b>Tissue</b>	Normal healthy human normal carotid artery
<b>QC</b>	No bacteria, yeast, fungi, mycoplasma, virus
<b>Character</b>	Smooth muscle specific $\alpha$ -actin positive
<b>Bioassay</b>	Attach, spread, proliferate in Growth Med
<b>Cryovial</b>	500,000 HCtASMC (2nd passage) frozen in Basal Medium w/ 10% FBS, 10% DMSO
<b>Kit</b>	Cryovial frozen HCtASMC (3014-05a), Grwth Med (311-500), Subcltr Rgnt Kit (090K)
<b>Proliferating</b>	Shipped in Gr Med, 3rd psg (flasks or plates)
<b>Doublings</b>	At least 10
<b>Applications</b>	Laboratory research use only (RUO). Not for human, clinical, diagnostic or veterinary use.

### Instructions HCtASMC

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