

CELL APPLICATIONS, INC.

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Human Umbilical Artery Smooth Muscle Cells: HUASMC

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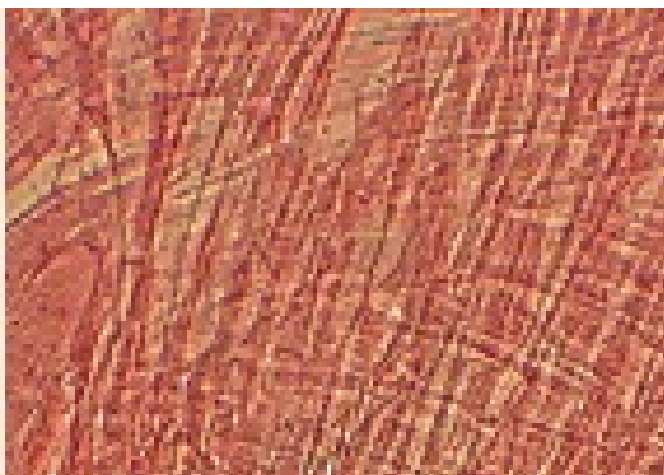
Cell Applications Inc Brochure

Description

Human Umbilical Artery Smooth Muscle Cells (HUASMC) from Cell Applications, Inc. have been used to study:

- Effects of snake venom on smooth muscle cells
- Secretion mechanism of the (pro) renin receptor
- The role of proteasomes in the development of cardiovascular diseases
- Novel material surfaces to inhibit smooth muscle cell proliferation at the same time allowing endothelial cells adhesion and proliferation in order to reduce risk associated with vascular implants

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



^[1]
(Click to Enlarge) **Human Umbilical Artery Smooth Muscle Cells: HUASMC.** Isolated from a paired artery found in the abdominal and pelvic regions, and which in the fetus, extends into the umbilical cord.

Details

| | |
|----------------------|--|
| Tissue | Normal healthy human umbilical artery |
| QC | No bacteria, yeast, fungi, mycoplasma, virus |
| Character | Smooth muscle specific α -actin positive |
| Bioassay | Attach, spread, proliferate in Growth Med |
| Cryovial | 500,000 HUASMC (2nd passage) frozen in Basal Medium w/ 10% FBS, 10% DMSO |
| Kit | Cryovial frozen HUASMC (252-05n), Growth Medium (311-500), Subcltr Rgnt Kit (090K) |
| Proliferating | Shipped in Gr Med, 3rd psg (flasks or plates) |
| Doublings | At least 16 |
| Applications | Laboratory research use only (RUO). Not for human, clinical, diagnostic or veterinary use. |

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