

微血管张力

离体微血管环张力测定为小血管(直径为 60-400 μ m)结构和功能研究提供了全新的技术。这种技术可以用于小静脉、小动脉、支气管、输尿管等众多微小管状组织的研究。

推荐硬件:

PowerLab 30 系列研究型高速记录主机
离体微血管环张力测定仪

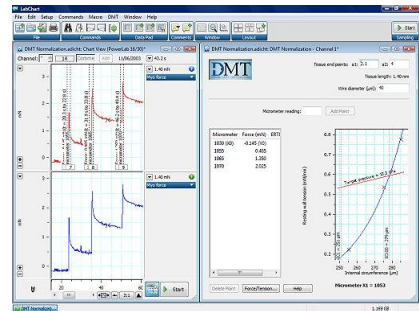


推荐软件:

LabChart Pro 专业版 –DMT 标准化软件模块

快速便捷的计算微血管的最佳前负荷，从而对每一条样本的前负荷做统一的处理，使实验数据更加严谨:

- 自动计算组织长度
- 实时或者非实时确定有效压力
- 计算并通过螺旋测微器设定标准化的前负荷



论文摘要:

Autoantibody against AT1 receptor from preeclamptic patients induces vasoconstriction through angiotensin receptor activation

Xiaoli Yang, Feng Wang, Hailiang Chang, Suli Zhang, Lihong Yang, Xiaoliang Wang, Xiaolong Cheng, Mingsheng Zhang, Xin L. Ma and Huirong Liu, *Journal of Hypertension*, 26:1629-1635, 2008

Increased Vascular Cell Adhesion Molecule-1 Was Associated with Impaired Endothelium-Dependent Relaxation of Cerebral and Carotid Arteries in Simulated Microgravity Rats

Ran ZHANG, Guoliang JIA, Junxiang BAO, Yuyang ZHANG, Yungang BAI, Lejian LIN, Hao TANG, and Jin MA, *J. Physiol. Sc.i Vol. 58, No. 1; Feb. 2008; pp. 67-73*

Alternative Angiotensin II Formation in Rat Arteries Occurs Only at Very High Concentrations of Angiotensin I

Kiyo Inoue, Hikaru Nishimura, Jiro Kubota, and Keishiro Kawamura, *Hypertension*, 525-530, 1999