APPENDIX

APPENDIX

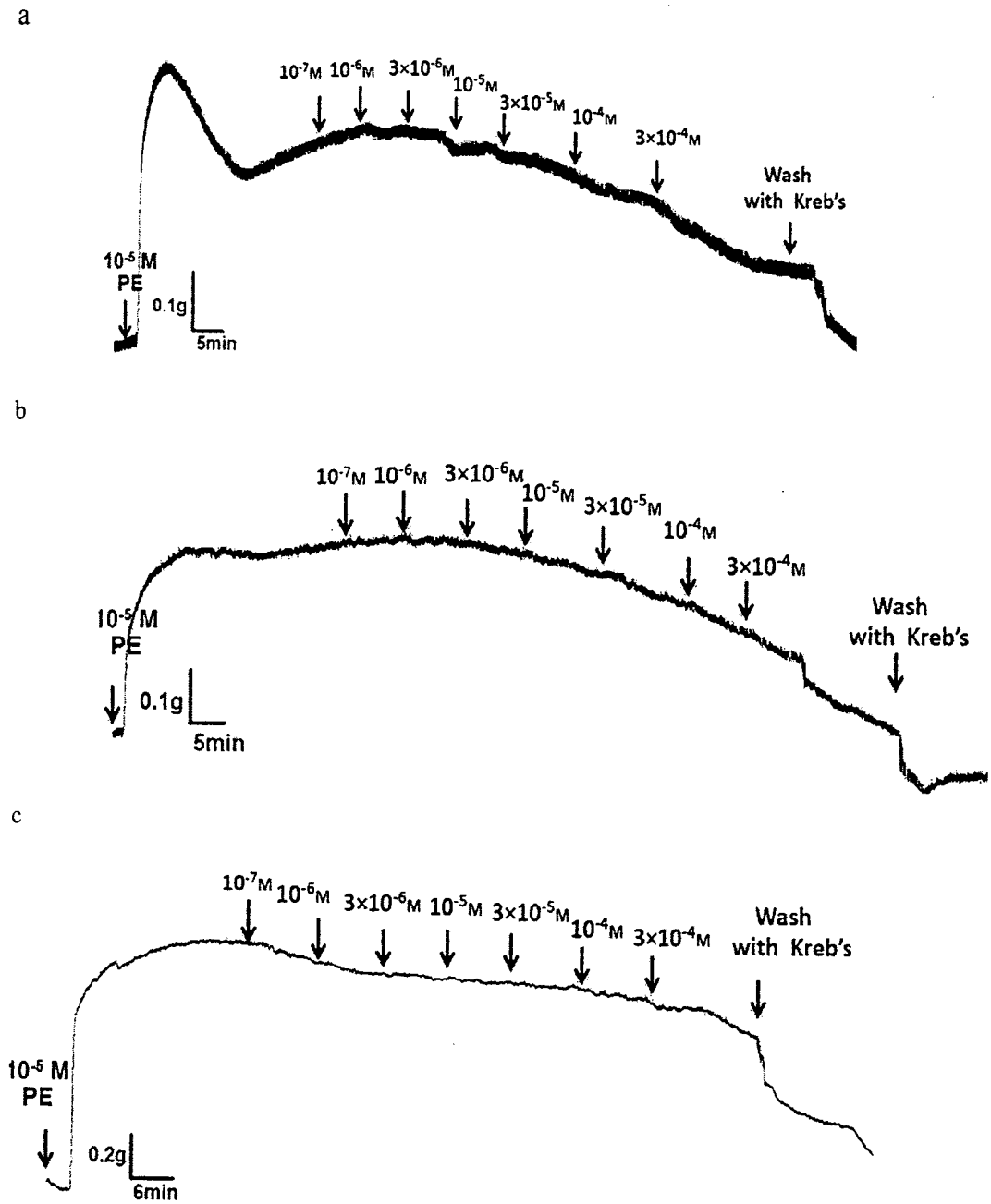


Figure 14 effect of compound 1 on pulmonary artery with endothelium (a), with out endothelium (b) and aorta (c)

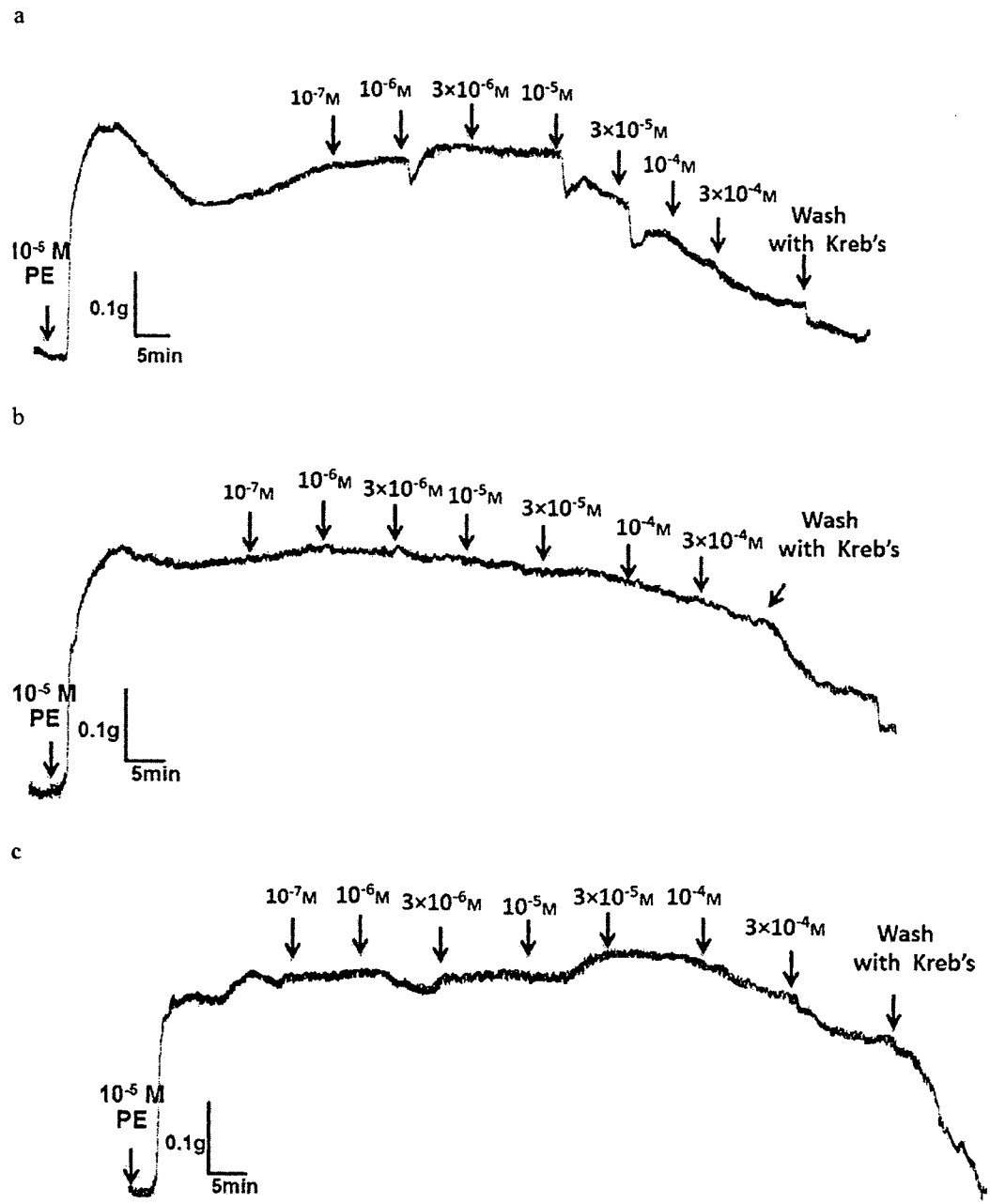
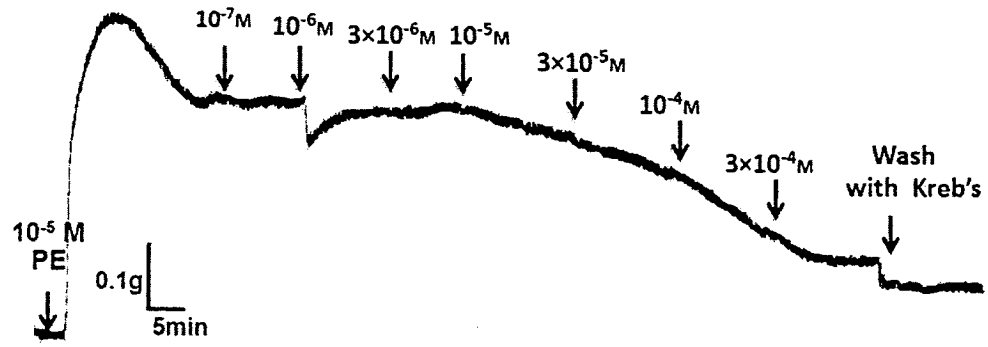
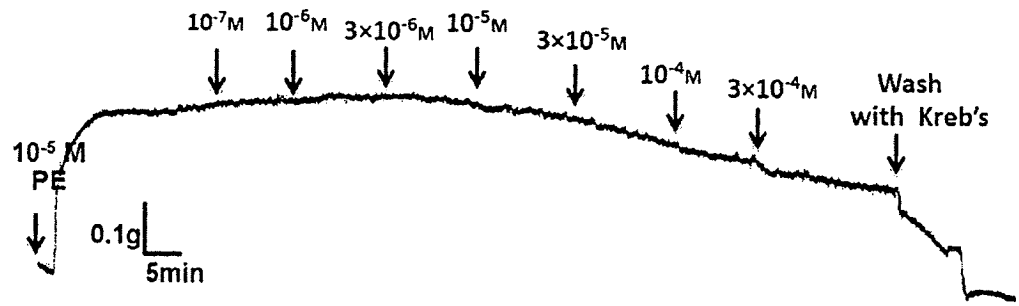


Figure 15 effect of compound 2 on pulmonary artery with endothelium (a), without endothelium (b) and aorta (c)

a



b



c

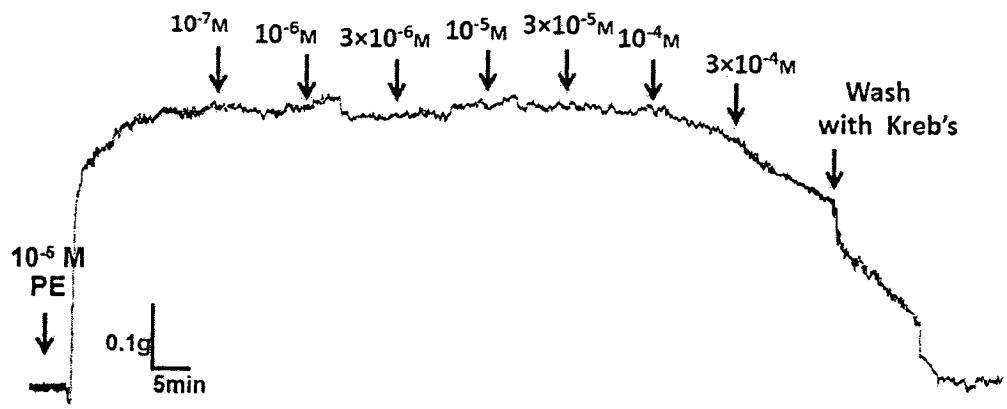
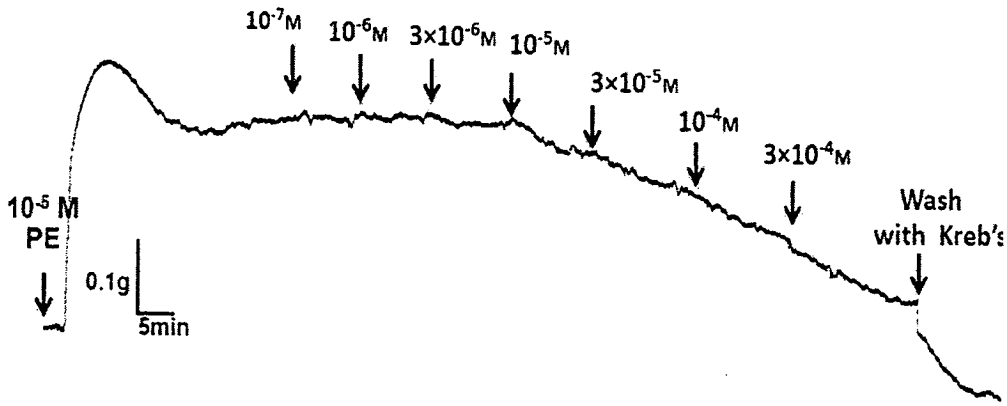
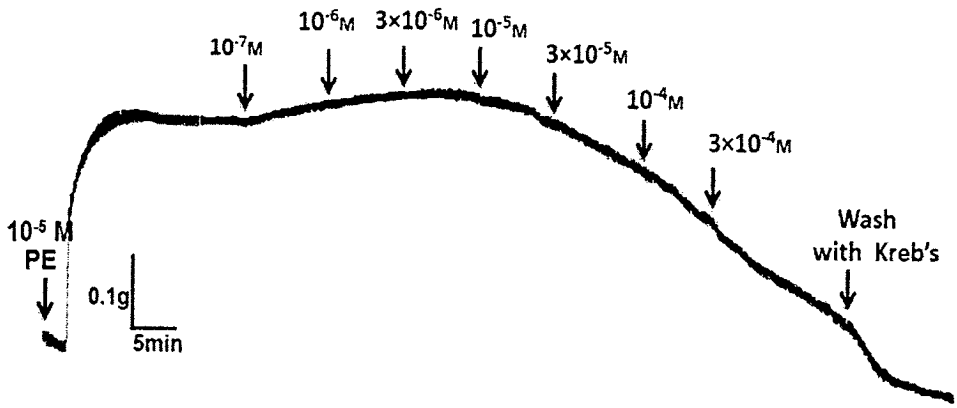


Figure 16 effect of compound 3 on pulmonary artery with endothelium (a), with out endothelium (b)

a



b



c

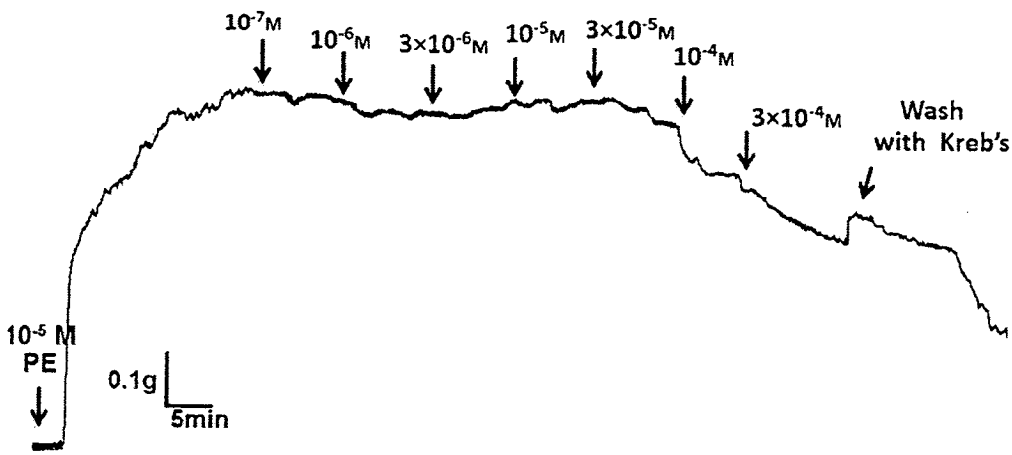


Figure 17 effect of compound 4 on pulmonary artery with endothelium (a), without endothelium (b) and aorta (c)

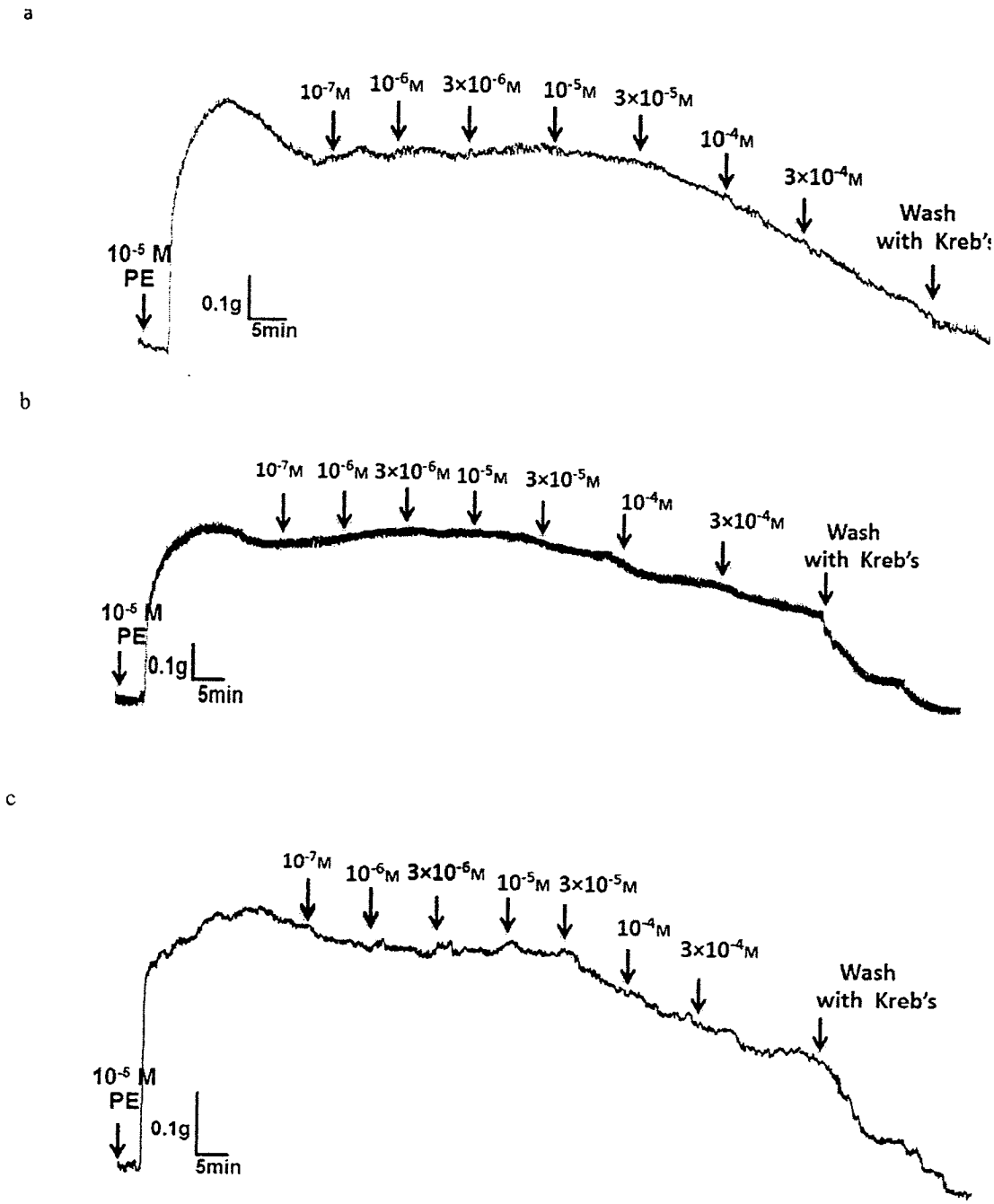
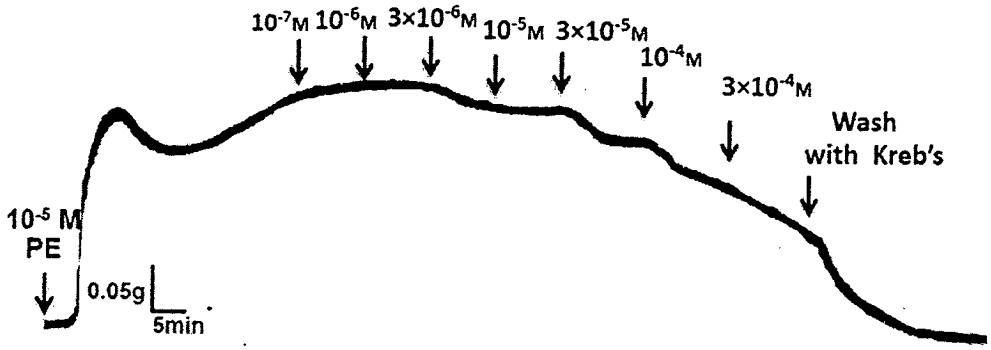


Figure 18 effect of compound 5 on pulmonary artery with endothelium (a), without endothelium (b) and aorta (c)

a



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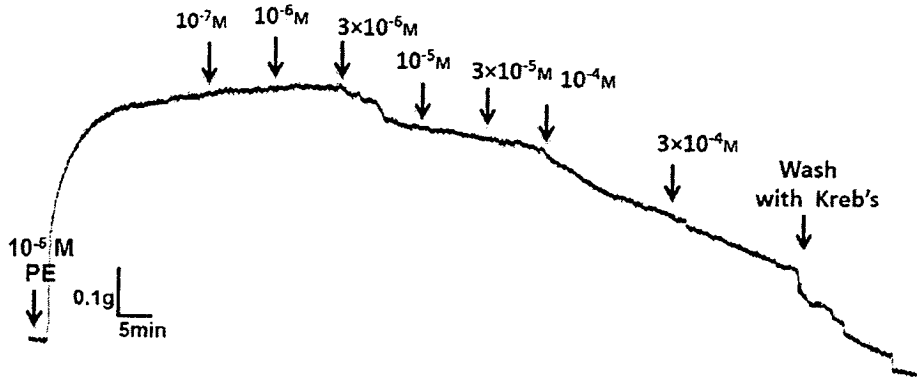


c

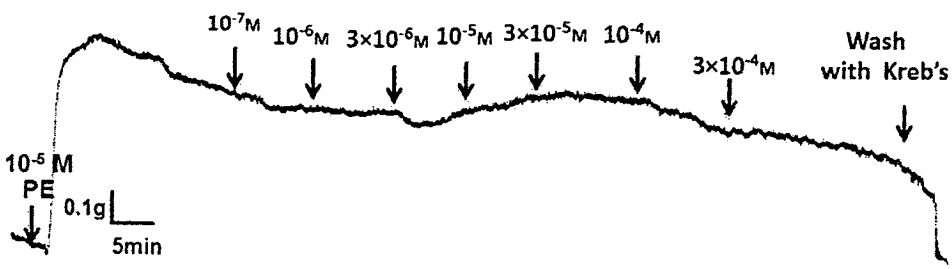
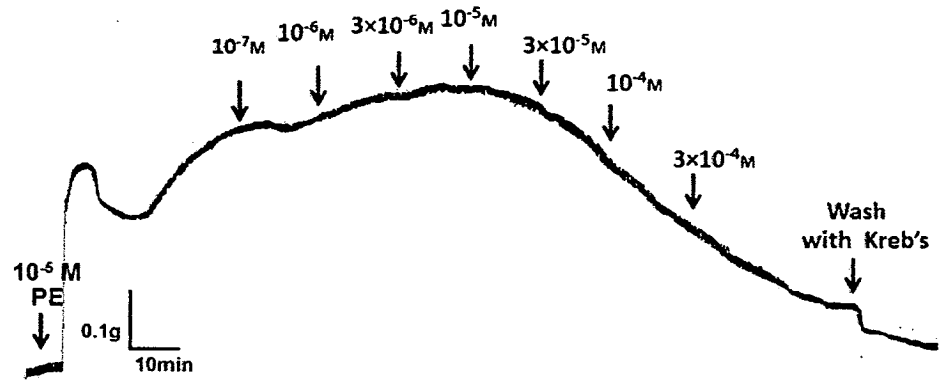
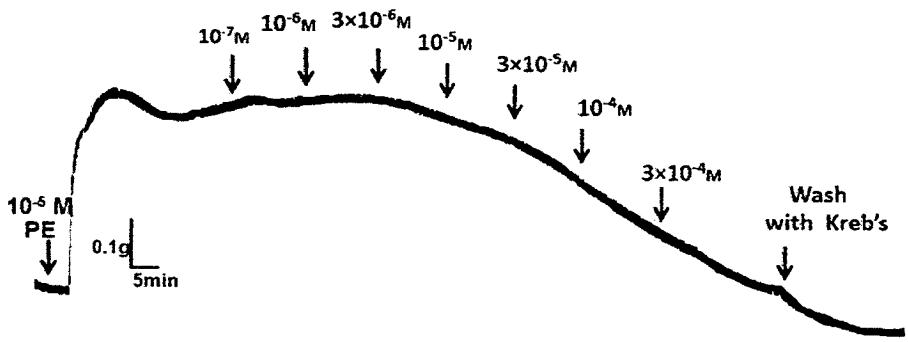


Figure 19 effect of compound 6 on pulmonary artery with endothelium (a), without endothelium (b) and aorta (c)

a



b



c

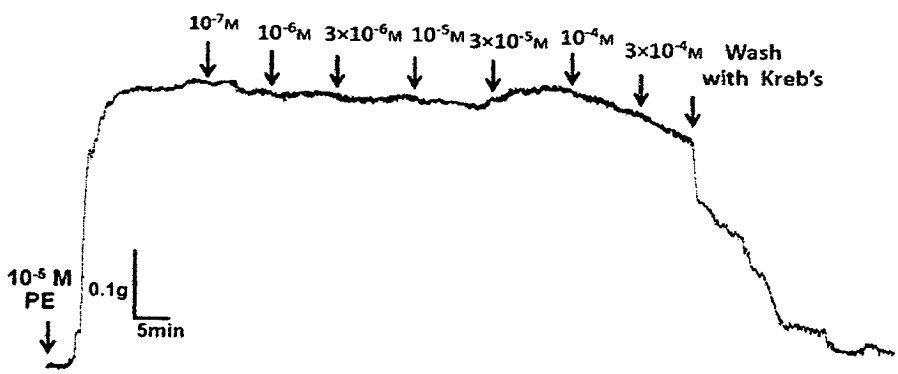


Figure 20 effect of compound 7 on pulmonary artery with endothelium (a), without endothelium (b) and aorta (c)

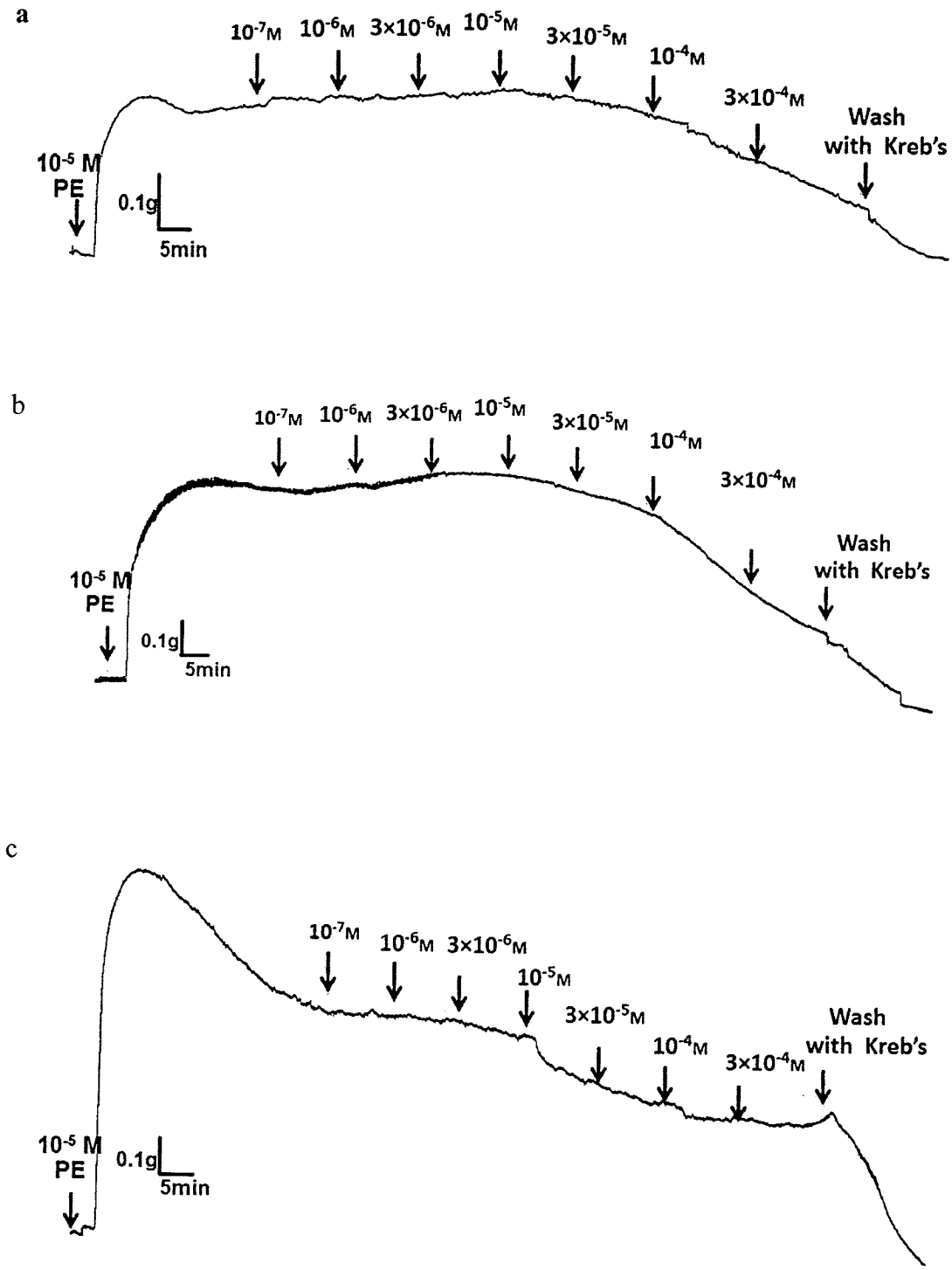


Figure 21 effect of compound 8 on pulmonary artery with endothelium (a), with out endothelium (b) and aorta (c)

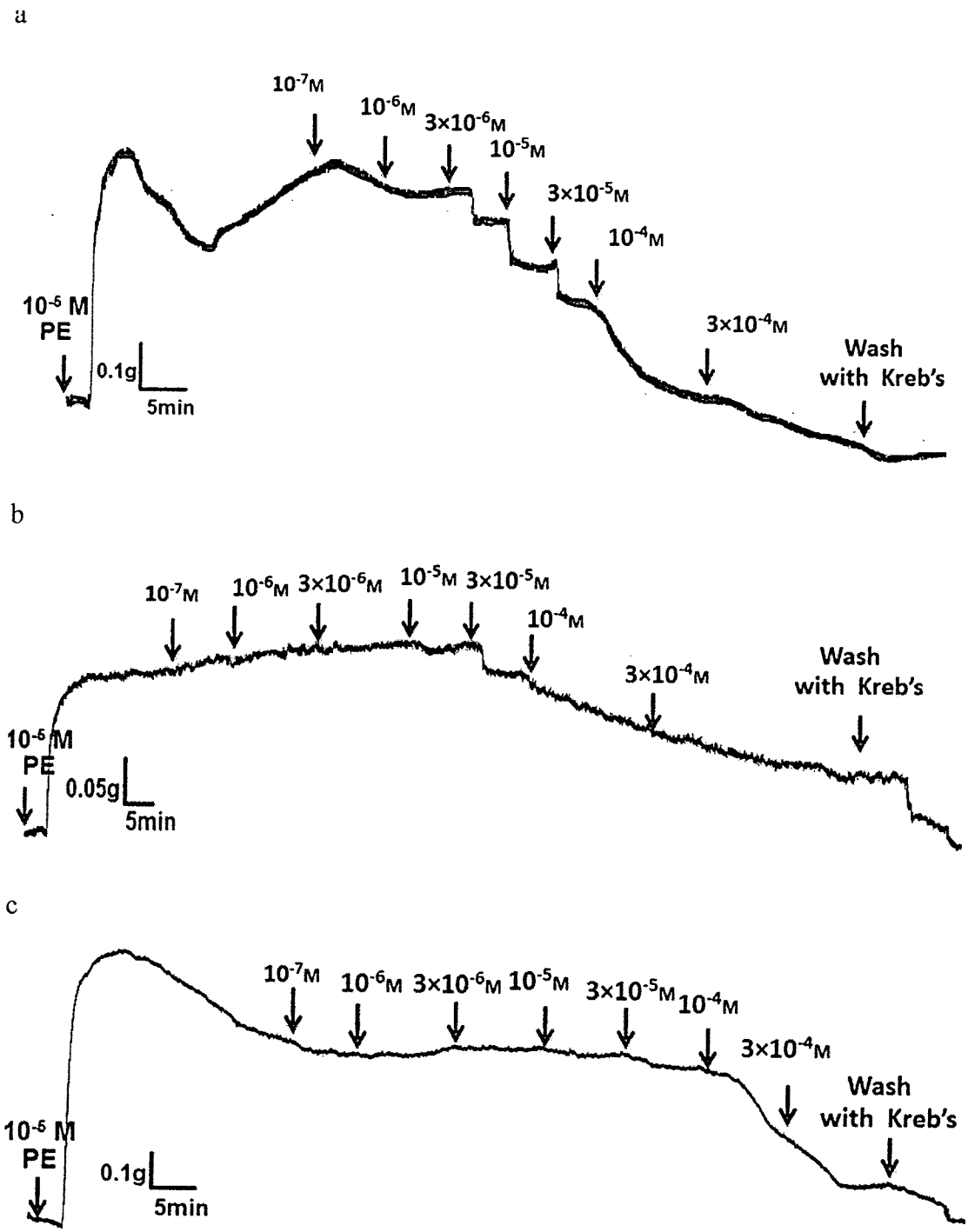


Figure 22 effect of compound 9 on pulmonary artery with endothelium (a), with out endothelium (b), and aorta (c)

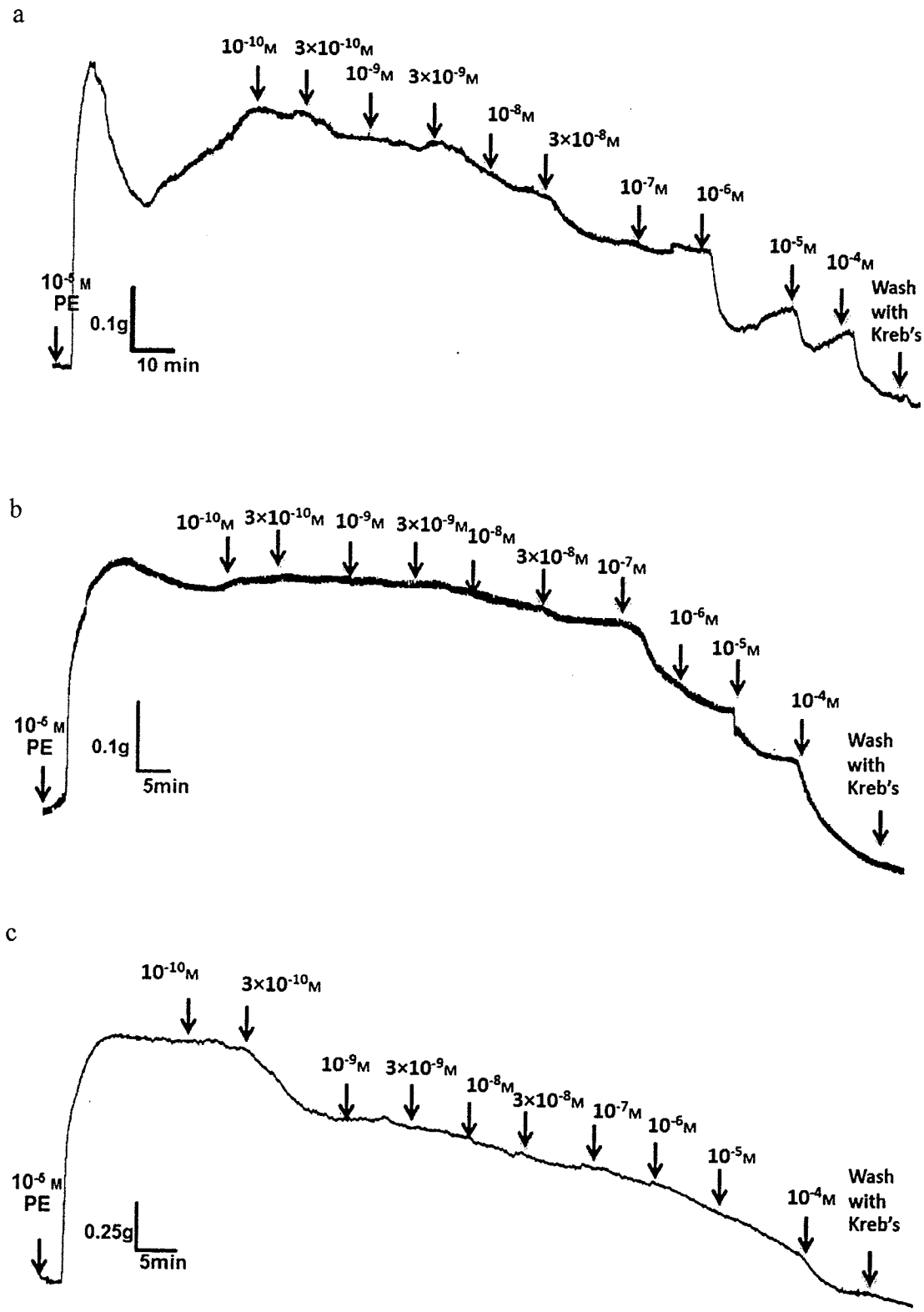


Figure 23 effect of sildenafil on pulmonary artery with endothelium (a), without endothelium (b) and aorta (c)

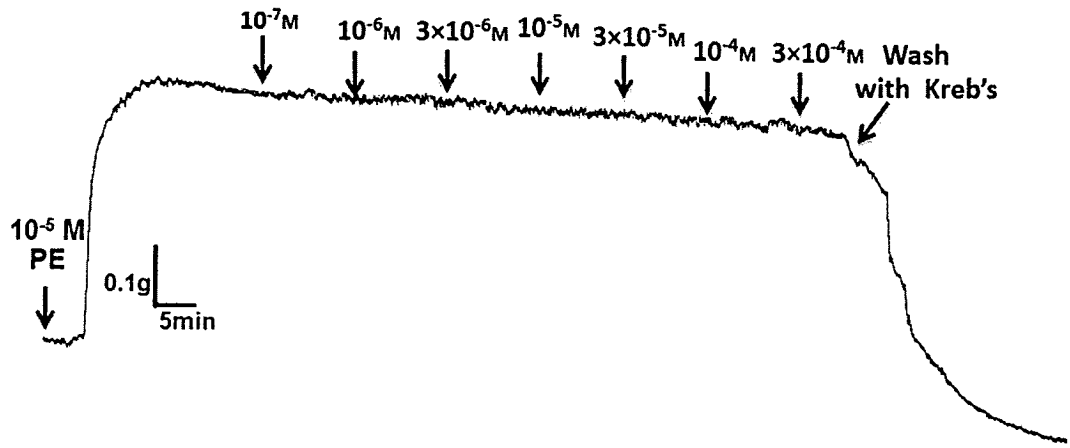


Figure 24 effect of DMSO 0.1% only on pulmonary artery with endothelium

Figure 25 Typical trace of contraction induced by 10^{-5} M PE after 45 min on pulmonary artery

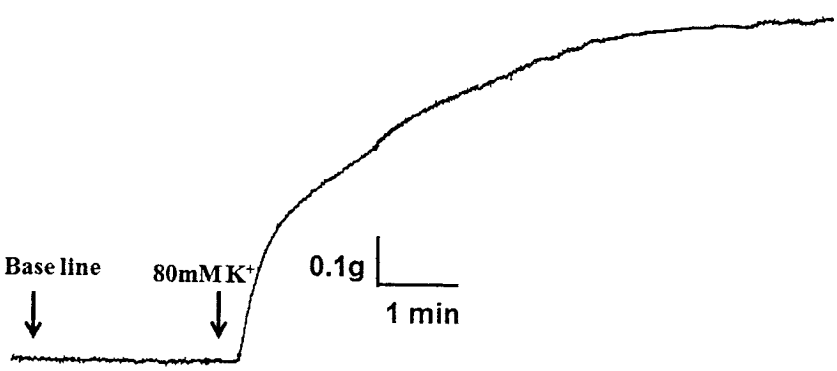


Figure 26 Typical trace of contraction induced by 80 mM K^+ on pulmonary artery

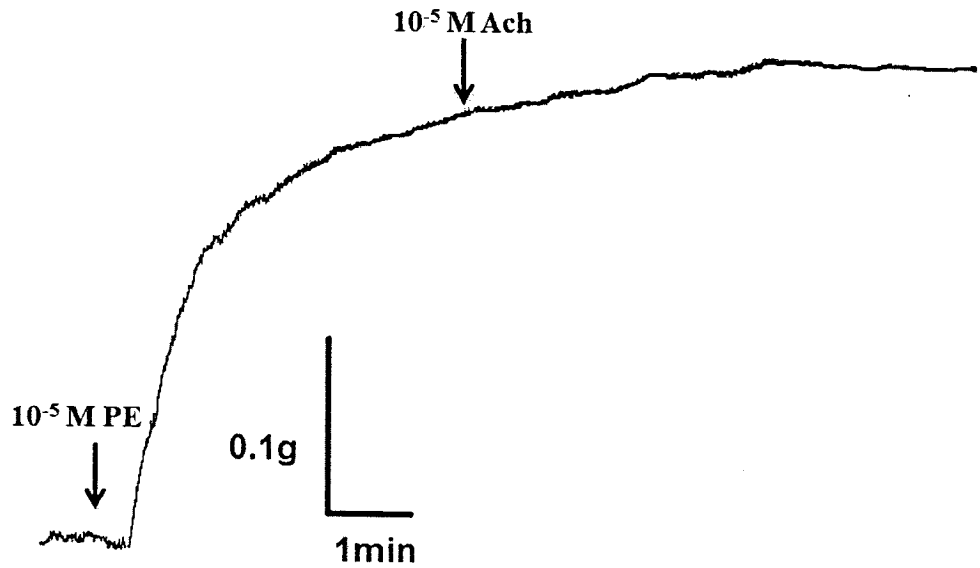


Figure 27 Typical trace of endothelium removed by 10^{-5} M ACh on pulmonary artery

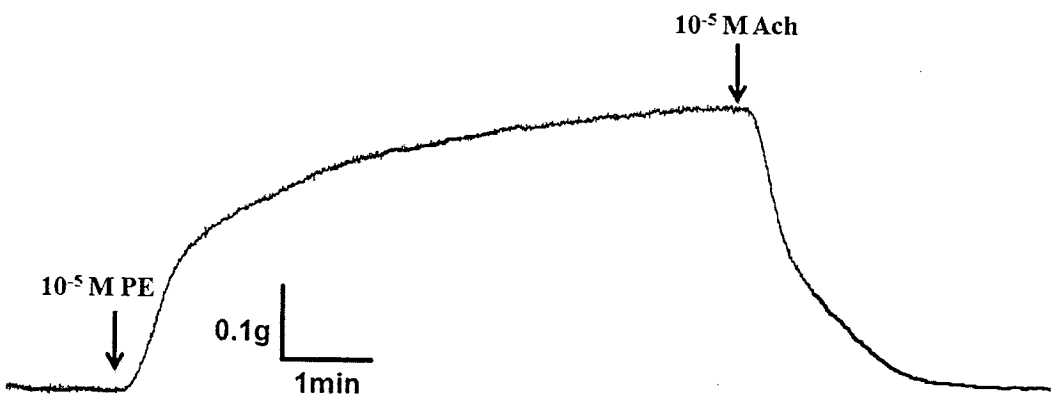


Figure 28 Typical trace of relaxation respondes by 10^{-5} M ACh and pre-contraction with 10^{-5} M PE on pulmonary artery