

***In vitro* and *in vivo* study of sustained nitric oxide release coating using diazeniumdiolate-doped poly(vinyl chloride) matrix with poly(lactide-co-glycolide) additive**

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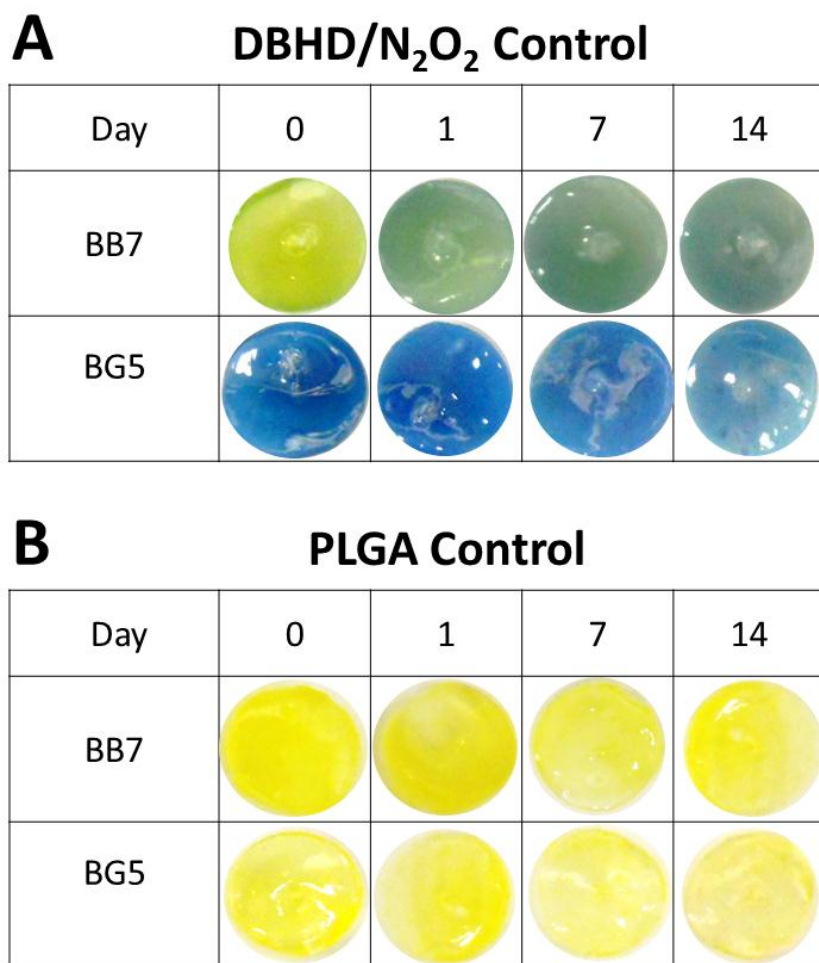


Fig. S1. Comparison of color changes of BG5 and BB7 doped with 25 wt% DBHD/N₂O₂ in plasticized PVC polymer matrix (A). Comparison of color changes of BG5 and BB7 doped with 10 wt% of 5050DLG7E PLGA in plasticized PVC polymer matrix (B). All films were incubated at 37°C for 14 d in PBS buffer.

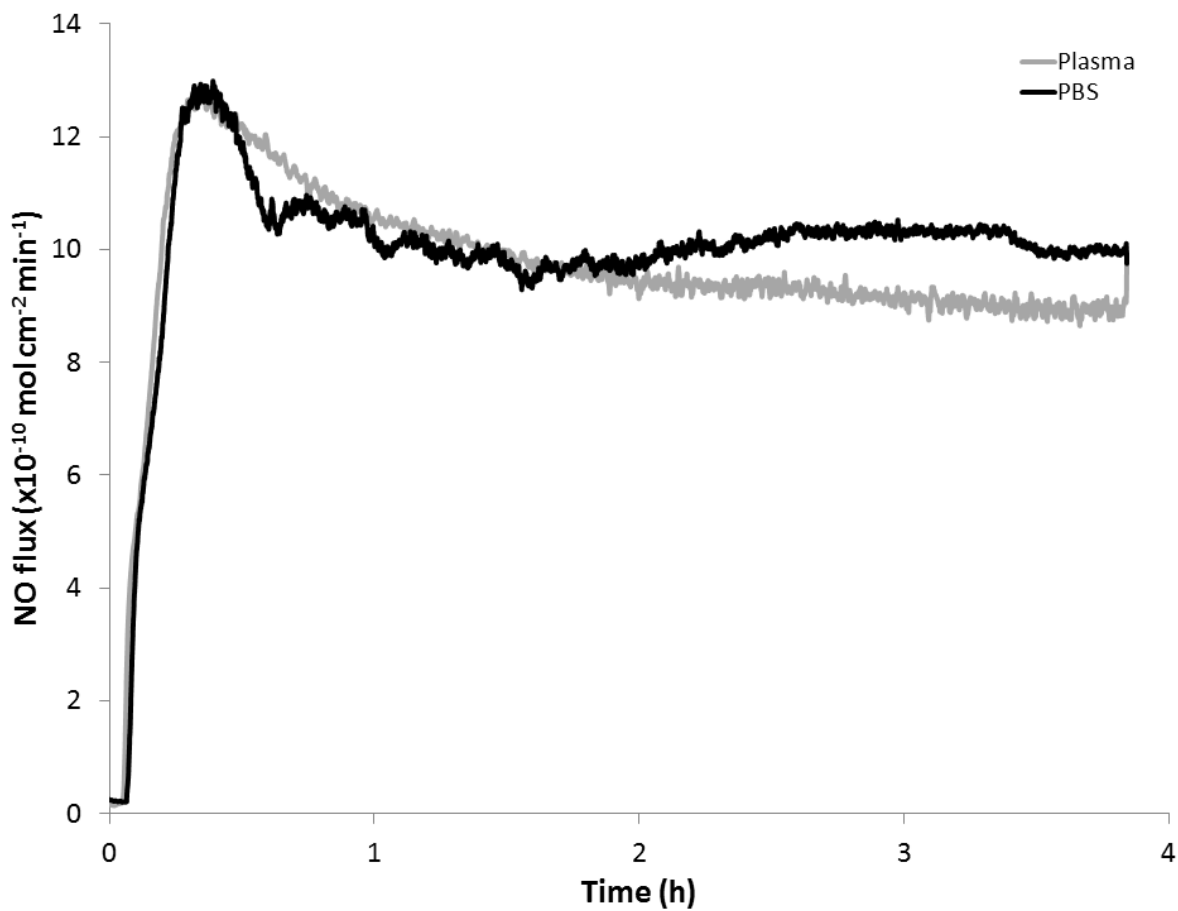


Fig. S2. NO release profile of plasticized PVC doped with 25 wt% DBHD/N₂O₂ and 10 wt% 5050DLG7E as measured in PBS or rabbit plasma using chemiluminescence.

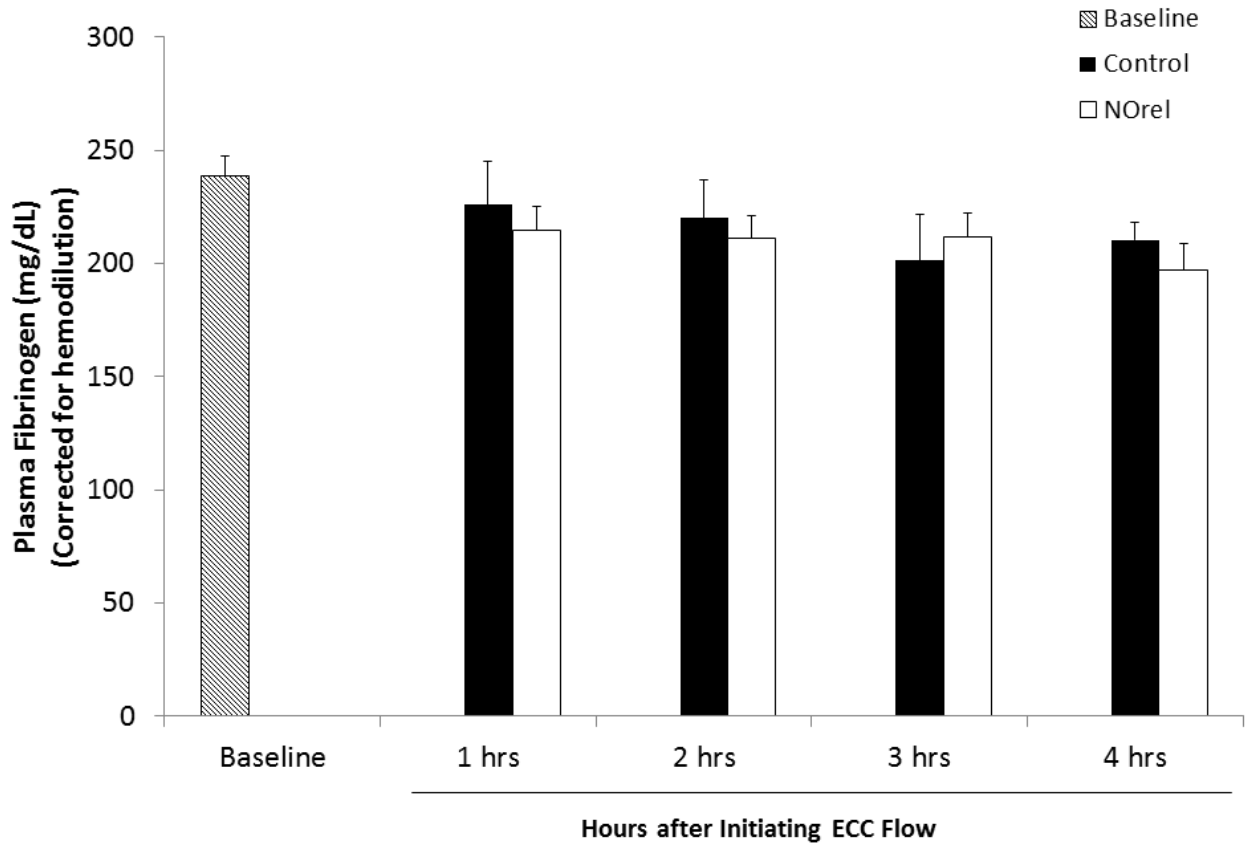


Fig. S3. Time-dependent effects of NOrel and control ECC loops on plasma fibrinogen levels during 4 h of blood flow in rabbit thrombogenicity study. The data are means \pm SEM.