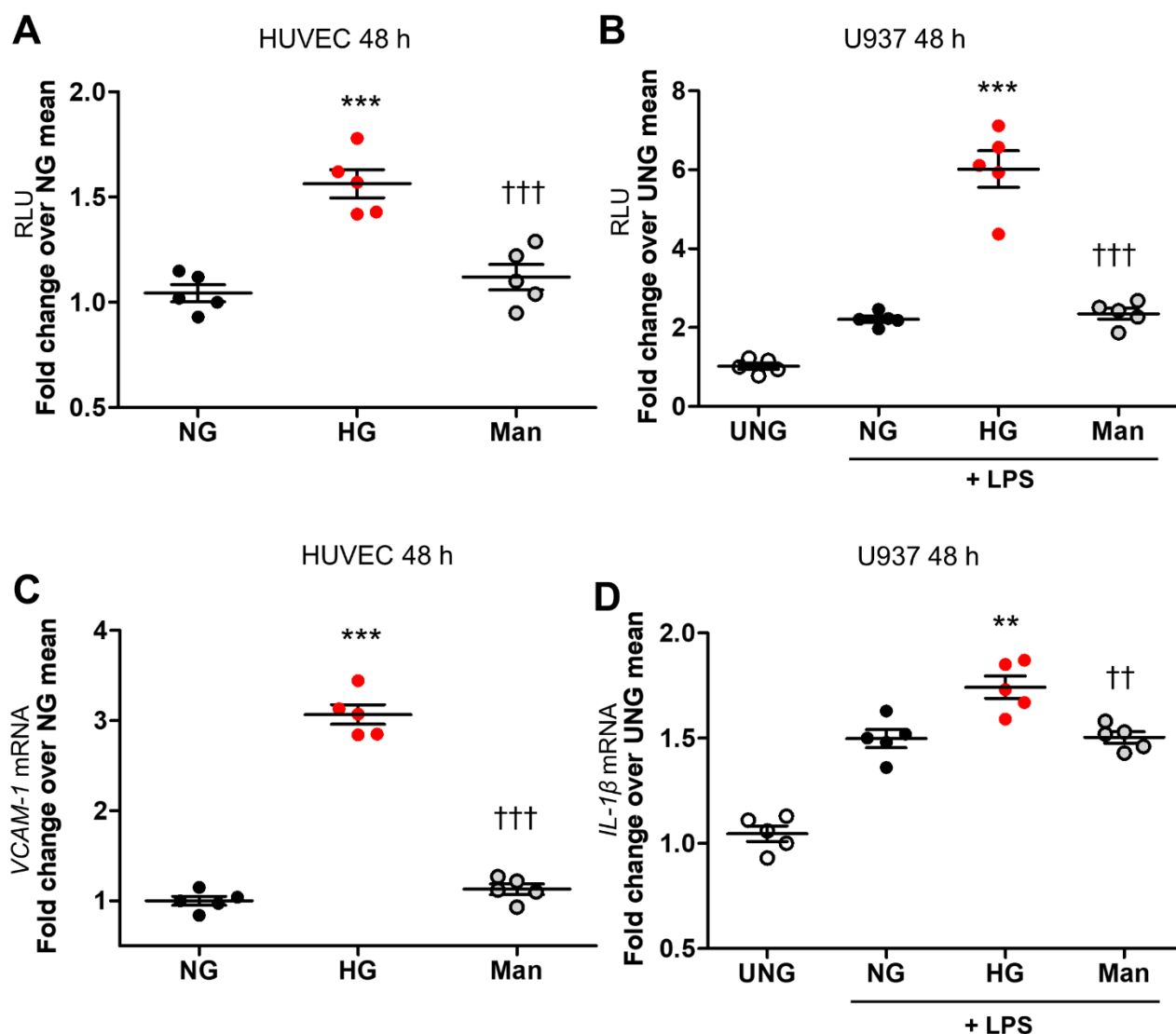




Supplementary Figure S1. Mannitol 20 mM does not induce HIF-1 α activity and proinflammatory activation of endothelial cells and LPS-stimulated macrophages. HIF-1 activity, as assessed by dual-luciferase gene reporter assay, in HUVEC (**A**), and in U937 macrophages stimulated (or not, UNG = untreated normal glucose) with LPS (10 ng/mL) (**B**), after 48 h incubation with high glucose (HG, 20 mM) or mannitol (Man, 20 mM) vs NG (5.5 mM); $n = 5$ wells in duplicate per condition. *VCAM-1* (**C**) mRNA levels in HUVEC, and *IL-1 β* mRNA levels in U937 macrophages stimulated (or not, UNG) with LPS (**D**), exposed to HG or Man 20 mM vs NG for 48 h.; $n = 5$ wells in duplicate per condition. Each dot represents the mean of two individual technical replicate and bars represent mean $\pm$ SEM. Post hoc multiple comparison: *** $P < 0.001$ or ** $P < 0.01$ vs NG; ††† $P < 0.001$ or † $P < 0.01$ vs HG.