

FIG. 7.1 Proliferative response of human umbilical vein endothelial cells (HUVECs) (mean ± SD; **P* < .05).

Considering that it has been shown that Li^+ induces the proliferation and survival of endothelial cells through the activation of the Wnt/ β -catenin canonical pathway, the proliferative response of HUVECs treated with M199 + 45S5.5Li or M199 + 0.60 mmol LiCl or NaCl (using the latter as a control of the effect of osmolarity) in the presence of an inhibitor of the Wnt/ β -catenin canonical pathway (quercetin 10 μM dissolved in DMSO) was evaluated (Haro Durand et al., 2016). The use of quercetin showed 69% and 55% of inhibition of the proliferation of HUVECs treated with M199 + 45S5.5Li and 0.60 mmol LiCl, respectively (Fig. 7.2). These observations indicate that there was a greater

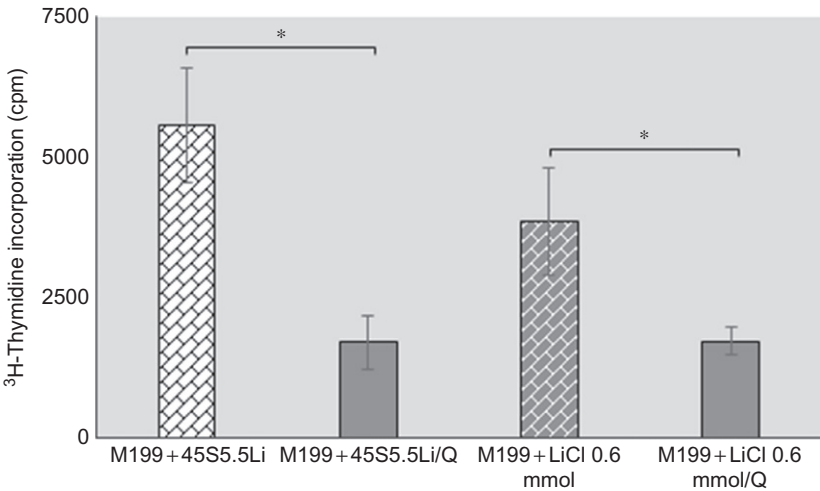


FIG. 7.2 Proliferative response of HUVECs in the presence of quercetin (Q), an inhibitor of the Wnt/ β -catenin canonical pathway (mean ± SD; **P* < .05).