

Kv2.1 ion channel cell line

Product Information

Catalogue ref: SB-HEK-Kv2.1

Species: Human

Host cell : HEK293

Quantity: 2 x 1ml (1x10⁶ cells/ml)

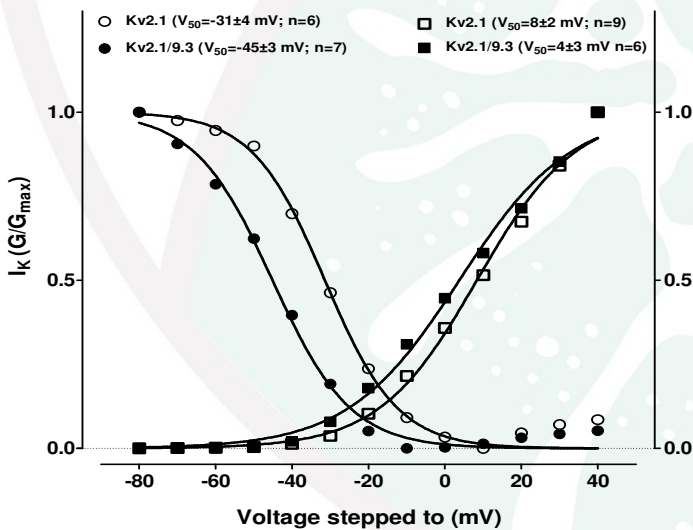


Figure 1: Current-Voltage relationships of I_{Kv} . Plotted graphs of current-voltage show V_{50} activation of 8 and 4mV and V_{50} inactivation of -31 and -45mV for hK_v2.1 and hK_v2.1/9.3 channels respectively (n > 5).

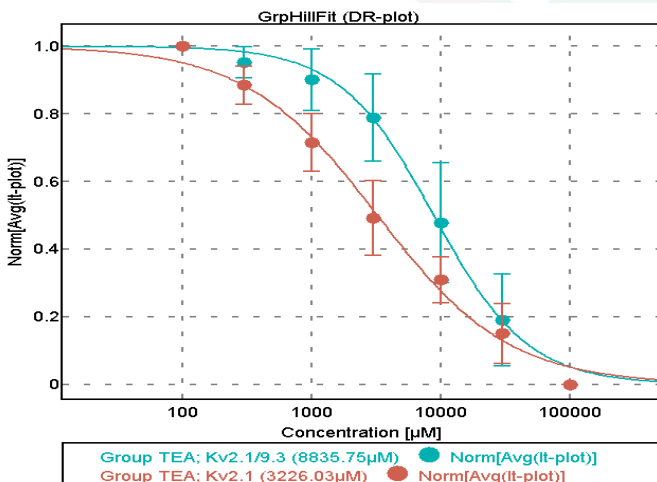


Figure 2: Concentration-dependent effects of TEA on I_{Kv} currents (pA). Calculated IC_{50} values were 3.2 and 8.8 mM, for hK_v2.1 and hK_v2.1/9.3 channels respectively, mean values plotted from n=4, +/- SD .

Further validation data available on request.

