

TRPM4 ion channel cell line

Product Information

Catalogue ref: SB-CHO-TRPM4

Species: Human

Host cell: CHO

Quantity: 2 x 1ml (1x10⁶ cells/ml)

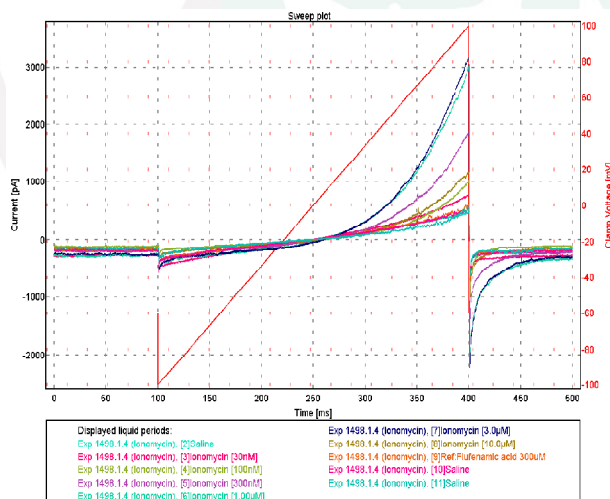


Figure 1: Representative example of superimposed voltage and current traces showing inward and outward human TRPM4 current in the presence of a free internal Ca²⁺ concentration of 10 µM in combination with increasing concentrations of Ionomycin. The current was evoked by a series of voltage ramps from -100 mV to +100 mV, every 5 seconds, from a holding potential of -60 mV.

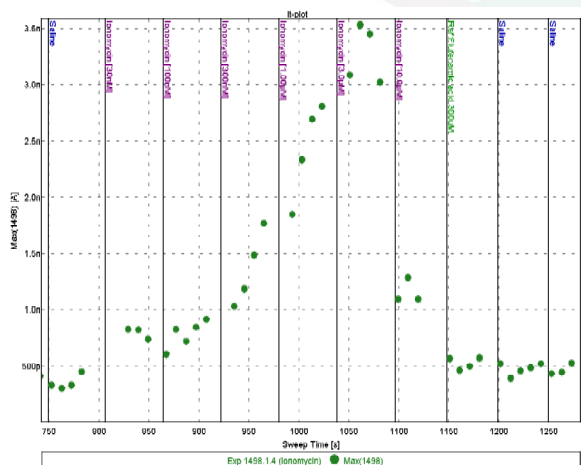


Figure 2: Example of a plotted time course of effect of a free internal Ca²⁺ concentration of 10 µM in combination with increasing concentrations of ionomycin on human TRPM4 currents. The currents were monitored by a series of voltage ramps from -100 mV to +100 mV, every 5 seconds, from a holding potential of -60 mV. The maximum outward current at +100 mV is shown. Flufenamic acid (300 µM) was used to block human TRPM4 currents.

Further validation data available on request.

