

## Nav1.4 ion channel cell line

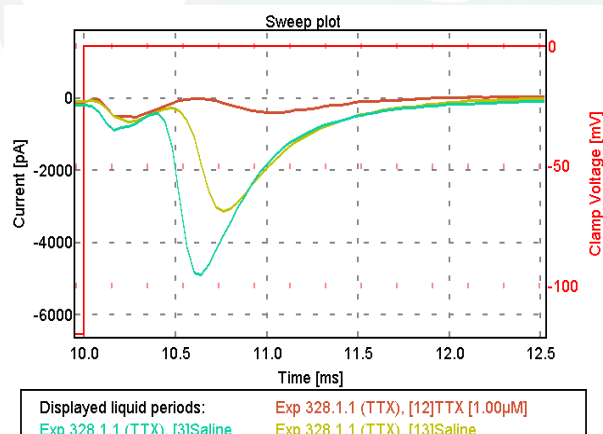
### Product Information

Catalogue ref: SB-HEK-Nav1.4

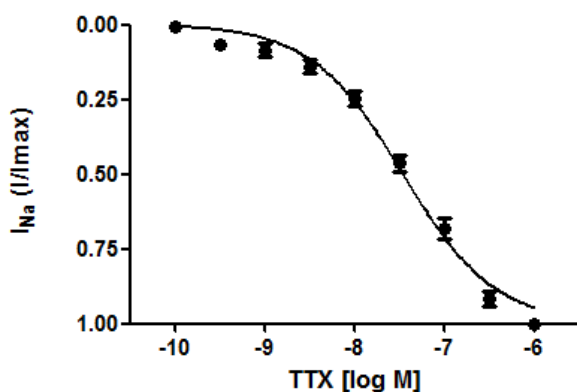
Species: Human

Host cell : HEK293

Quantity: 2 x 1ml (1x10<sup>6</sup> cells/ml)



**Figure 1:** Effect of TTX on sodium current measured from a cell stably transfected with hNav<sub>v</sub> 1.4 channel. Absolute sodium currents (pA) in the presence and absence of TTX (1 μM) have been shown (see legend for details). Cell was stimulated with voltage pulses from -120 to 0 mV.



**Figure 2:** Concentration-dependent effects of TTX (1pM-1μM) on  $I_{Na}$  currents (pA) obtained from HEK-293 cells stably transfected with human Nav<sub>v</sub> 1.4 channel. Calculated IC<sub>50</sub> value was approximately 34 nM (n=9).

**Further validation data available on request.**

