

Kv7.1 ion channel cell line

Product Information

Catalogue ref: SB-HEK-Kv7.1

Species: Human

Host cell : HEK293

Quantity: 2 x 1ml (1x10⁶ cells/ml)

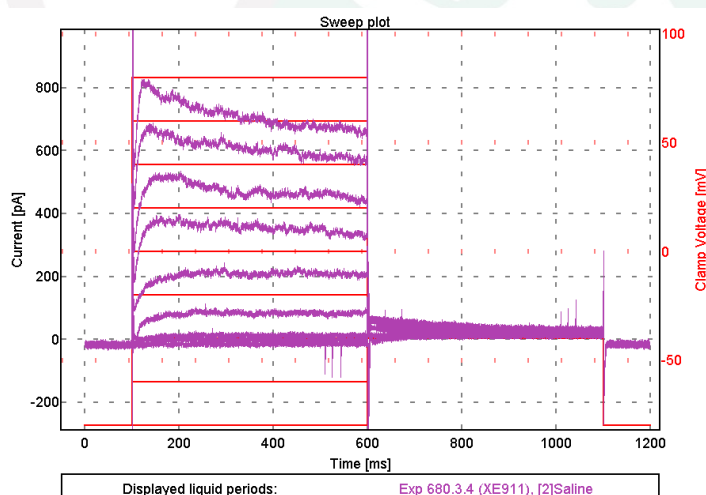


Figure 1: Representative superimposed current-voltage traces from a cell stably transfected with hKv7.1 channels. Cells were activated with a standard I-V voltage protocol from -80 mV to +80 mV, increasing in +20mV steps (holding potential at -80 mV).

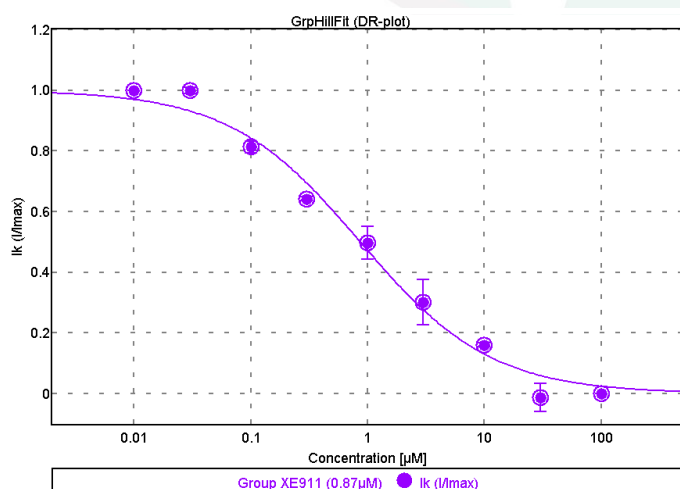


Figure 2: Concentration dependent effect of antagonist XE-991 on HEK-293 cells stably transfected with Kv7.1 channels. Calculated IC₅₀ value was approximately 0.9 µM (n=3).

Further validation data available on request.

