

“bridging the gap” in ion channel drug discovery



Our Panel of Voltage Gated Ion Channel Assays

Voltage Gated Ion Channels belong to one of the most important target classes, but also to one of the most challenging to study. *We offer to clients* our well recognized expertise on Ion Channels and our comprehensive platforms of **cell lines** and **technologies**.

(release July 2017)

Target	Symbol	Gene ID
Voltage gated Na ⁺ channels	SCN5A (Nav 1.5) NEW!	6331
	SCN9A (Nav1.7)	6335
Voltage gated K ⁺ channels	KCNA3 (Kv1.3)	3738
	KCNA5 (Kv1.5)	3741
	KCNB1 (Kv2.1)	3745
	KCNQ2/KCNQ3 (Kv7.2/Kv7.3) NEW!	3785-3786
Inwardly Rectifying K ⁺ channels	KCNJ4 (Kir 2.3)	3761
Voltage gated Ca ²⁺ channels	CACNA1C (Cav 1.2)	775
	CACNA1D (Cav1.3)	776
	CACNA1B (Cav 2.2) endogenous NEW!	774
	CACNA1I (Cav 3.3) NEW!	8911
Store-operated Ca ²⁺ channels	CRAC	84876-6786
Calcium Activated Cl ⁻ Channel	TMEM16A	55107
Calcium Activated K ⁺ Channel	KCNN3	3782
	KCNN4	3783
	KCNN4 (<i>endogenous</i>)	3783
K ⁺ /Na ⁺ hyperpolarization-activated CNG channels	HCN2	610
	HCN4	10021

FEATURES

- ✓ Stable transfected cell lines
- ✓ Fully validated for HTS application
- ✓ Various read outs available

APPLICATIONS

- ✓ Hit discovery programs
- ✓ Hit follow-up programs

TECHNOLOGIES

- ✓ FLIPR
- ✓ Manual patch clamp
- ✓ Automated patch clamp (QPatch 16X)

Contact us to receive further information on our offers

Axxam SpA
Open Zone
Via Meucci 3 – 20091, Bresso, Milan (Italy)

Phone +39 02 2105634
info@axxam.com
www.axxam.com

AXXAM
INNOVATES, ENABLES, PERFORMS

Please be aware that the provision of the above listed assays may require third party licenses. All products are for research use only.