

Follow the channel current...



Our Panel of Ion Channel Assays

We provide well recognized expertise in **Ion Channel Research**. You will profit from matured experience in assay development and HTS with challenging targets.

(release July 2017)

Channel Family	Available Assays
Ligand gated cationic channels	P2RX1; P2rx1 (mouse); P2RX2/P2RX3; P2RX3; P2rx3 (rat); P2RX4; P2rx4 (mouse); P2RX7; P2rx7 (rat); P2rx7 (mouse)
Chloride channels	GABRA1/GABRB1/GABRG2; GLRA1
TRP channels	TRPC3; TRPC5; TRPC6; TRPC7; TRPA1; TRPM2; TRPM5; TRPM7; TRPM8; TRPV1
Voltage gated Na ⁺ channel	SCN5A (Nav1.5) ^{NEW!} , SCN9A (Nav1.7)
Voltage gated K ⁺ channels	KCNA3 (Kv1.3); KCNA5 (Kv1.5); KCNB1 (Kv2.1); KCNQ2/KCNQ3 (Kv7.2/Kv7.3) ^{NEW!}
Inwardly rectifying K ⁺ channel	KCNJ4 (Kir2.3)
Voltage gated Ca ²⁺ channels	CACNA1C(Cav1.2); CACNA1D (Cav1.3); CACNA1B (Cav 2.2) <i>endogenous</i> ^{NEW!} ; CACNA1I (Cav 3.3) ^{NEW!}
Store-operated Ca ²⁺ channel	CRAC
Calcium Activated Cl ⁻ Channel	TMEM16A
Calcium Activated K ⁺ Channel	KCNN3; KCNN4; KCNN4 <i>endogenous</i>
K ⁺ /Na ⁺ hyperpolarization-activated CNG channels	HCN2; HCN4

WORKING WITH AXAM PROVIDES ACCESS TO

- ✓ > 50 validated functional assays for ion channels
- ✓ *Ad-hoc* generation of cell based assay for your target of interest
- ✓ Optimized and proprietary screening technologies for ion channels
- ✓ Access to Axxam's screening library AX^{DIV2.0} of around 240.000 compounds
- ✓ State-of-the-art High Throughput Screening stations optimized for ion channel screening
- ✓ Manual and Automated (QPatch16X) patch clamp platform

Contact us to receive further information on our offers

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