



Port-a-Patch mini

Patch more. Pay less.



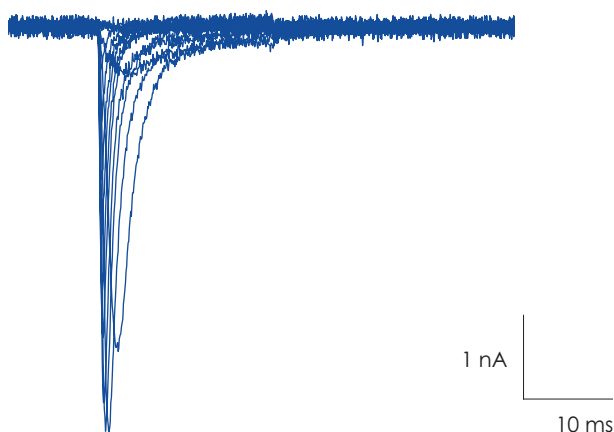
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Key features at a glance

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|---|-------------------------------------|----|--|
| 1 | Small and affordable complete setup | 6 | Voltage and current clamp as standard |
| 2 | Easy-to-use, even for non-experts | 7 | Whole-cell and perforated patch |
| 3 | GOhm seals | 8 | Consumables produced in-house |
| 4 | Ideal for teaching | 9 | Unlimited number of compound applications, low volume required |
| 5 | Amplifier integrated | 10 | High success rates with cell lines |

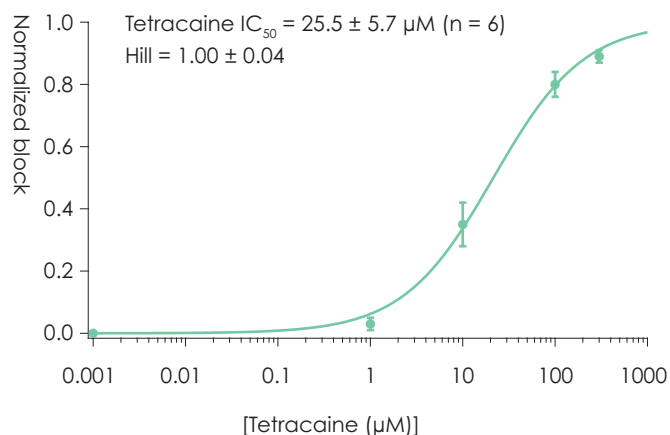


Small size, big potential: Research highlights



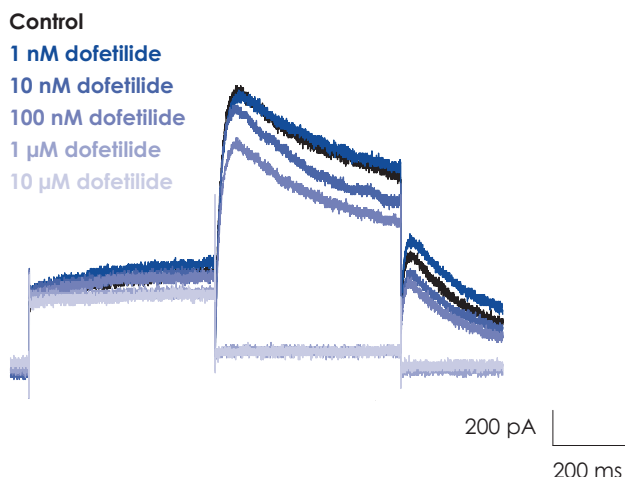
Voltage-gated ion channels

The Port-a-Patch mini is perfect for quick tests of cells and voltage-gated ion channels such as $\text{Na}_v1.5$ expressed in CHO cells. Good voltage control ensures accurate V_{half} measurements.



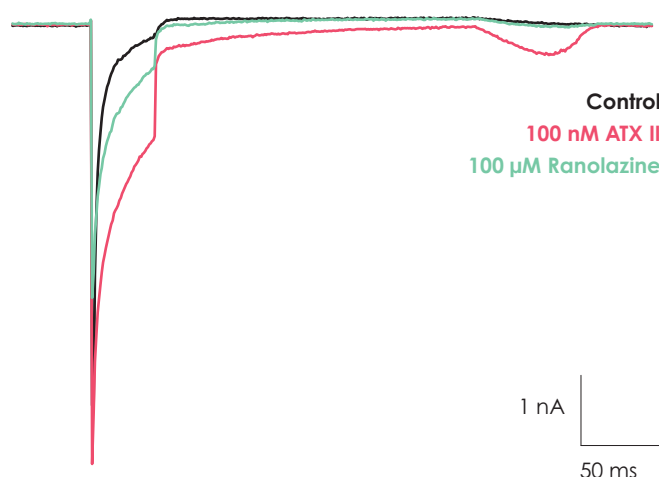
Pharmacology

External solution can be exchanged manually and cumulative concentrations of compound can be added. Manual exchange ensures low volumes of compound are required.



hERG pharmacology

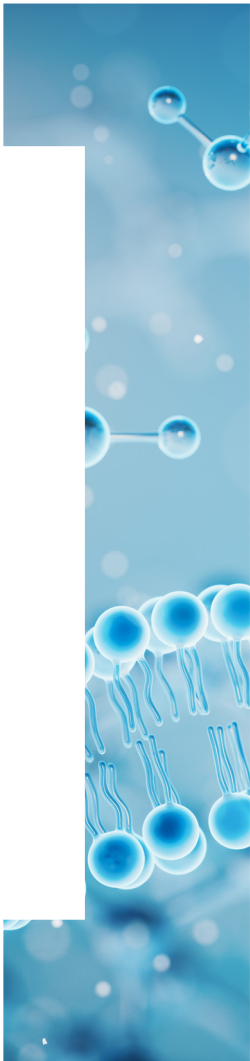
The Port-a-Patch mini can be used for cardiac safety testing of compounds, for example on the hERG current.



Stem cells

Stem cells and primary cells can be used successfully on the Port-a-Patch mini, including stem cell-derived cardiomyocytes and recording of $\text{Na}_v1.5$ late current shown here.

accelerate your research



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