

Thallium Flux Assays



Potassium Channels

Voltage-gated K^+ channels - K_v

Inward-rectifying K^+ channels - K_{ir}

Calcium-activated K^+ channels - K_{Ca}

Two-pore domain K^+ channels - K_{2P}

Sodium Channels

Voltage-gated Na^+ channels - Na_v

Other targets

K^+ and Na^+ transporters

$G_{i/o}$ GPCRs

2 HTS-compatible spectral windows:

Thallos - Ex/Em: 490/515nm

Thallos Gold - Ex/Em: 530/550nm

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Brilliant Sodium Assays

Na⁺

Sodium Channels

Voltage-gated Na⁺ channels - Na_v

Epithelial Na⁺ channels - ENaC

Non-selective Monovalent Cation Channels

TRP channels

Ligand-gated channels

Other targets

Na⁺-dependent SLC transporters

Na⁺ transporters



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