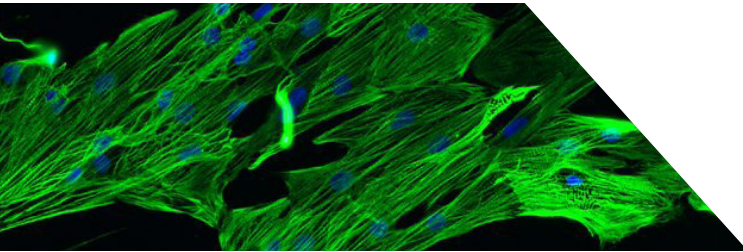


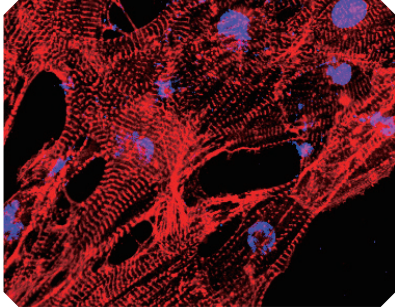
iPSC-derived Products



# CARDIOSIGHT®-S

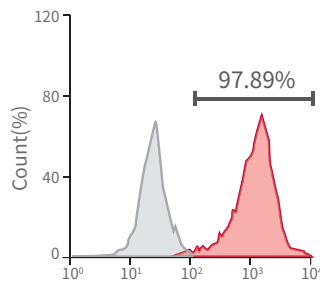
## hiPSC-derived Cardiomyocytes

### Pure Population of Ventricular Cardiomyocytes



**α-actinin**

**DAPI**



**cTnT-488**

### Product Characteristics

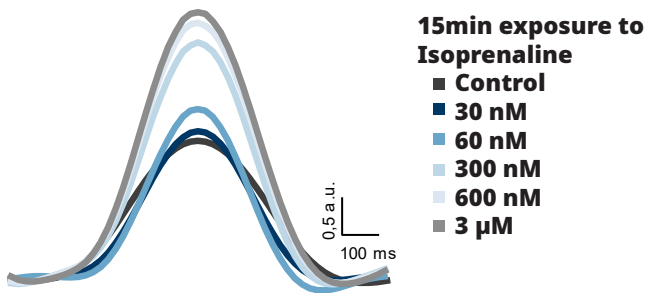
**C-001 - 2 Million Cells / Vial**

**C-002 - 5 Million Cells / Vial**

- Human Cardiac Electrophysiology Model
- Stable, Spontaneous & Synchronic Beating
- High Sensitivity to Cardiotoxic Drugs

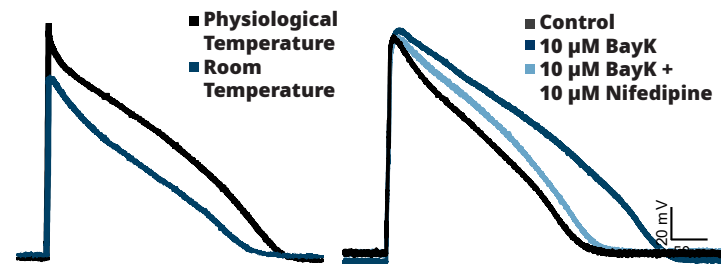
Validated by **nanjion** for the development of **FLEXcyte 96**

**Contraction Amplitude Increase in Response to Isoprenaline**



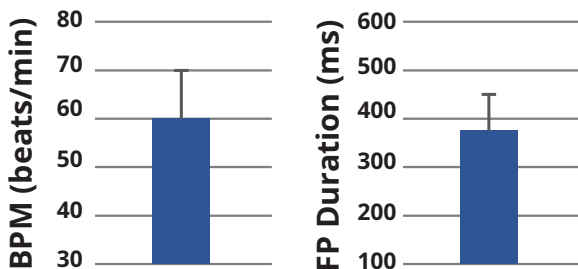
**Patchliner Dynamite<sup>8</sup>**

**Mature AP Shape and Drug Sensitivity**

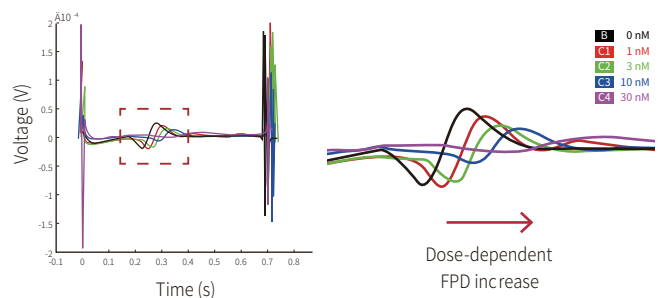


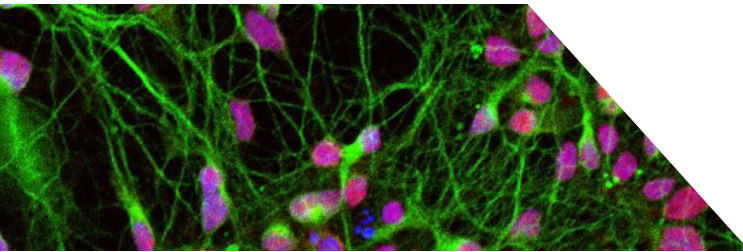
### Reproducible Electrophysiological Properties

Low variability in baseline properties



E4031 (iKr inhibition) induces lengthening of the FPD

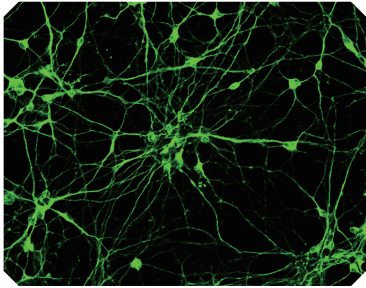




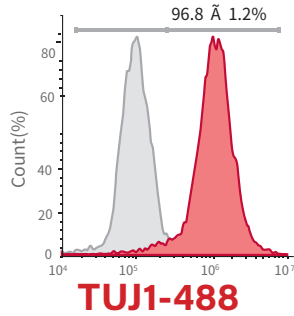
# NEUROSIGHT<sup>®</sup>-S

## hiPSC-derived Neurons

### Pure Population of Cortical Neurons



TUJ1

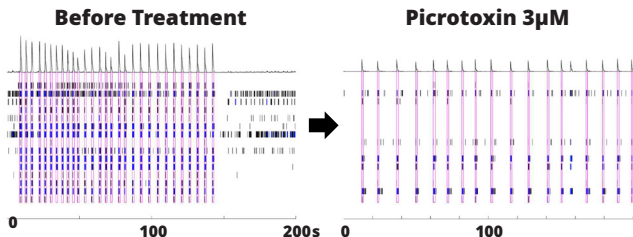


### Product Characteristics

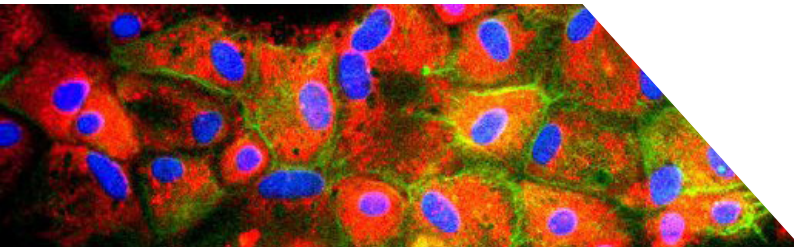
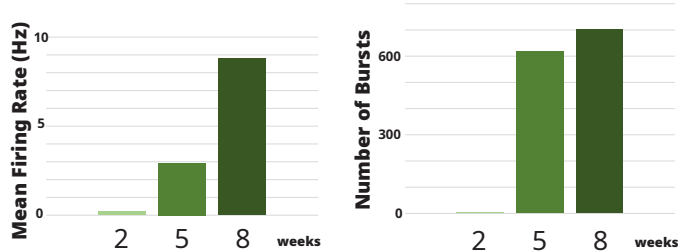
**N-001 - 2 Million Cells / Vial**  
**N-002 - 4 Million Cells / Vial**

- Human Neuronal Electrophysiology Model
- Fast Neuronal Network Formation
- Long-term Maturation and Synchrony

### Seizure Liability Testing HESI NeuTox Compound



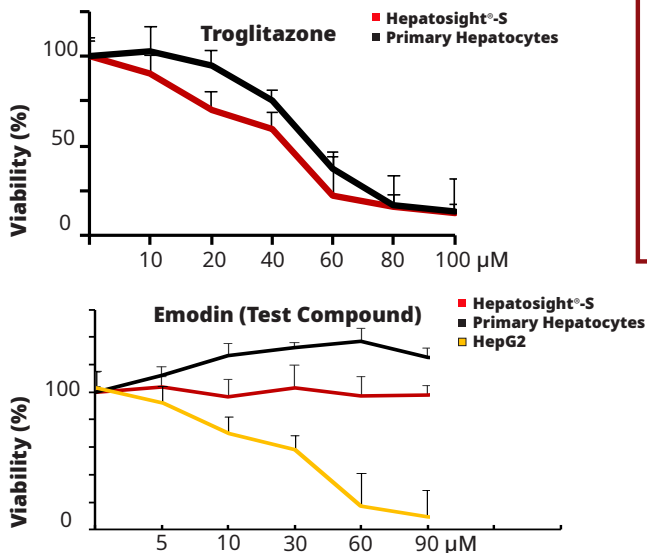
### Formation of Highly Mature Neuronal Networks



# HEPATOSIGHT<sup>®</sup>-S

## hiPSC-derived Hepatocytes

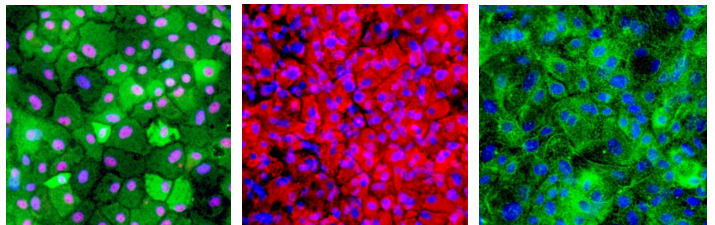
### Correct Modeling of Human Hepatotoxicity



### Product Characteristics

**H-001 - 5 Million Cells / Vial**  
**H-002 - 10 Million Cells / Vial**

- Human Liver Functional Model
- Accurate Human Toxicity
- Long-term 3D Organoid Culture



Alb HNF4a DAPI A1AT

ASGPR1

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