

# Celo. Cardiomyocytes

## Human iPSC-derived Cardiomyocytes

**Celo.Cardio**myocytes are a highly pure and electrophysiologically active population of iPSC-derived cardiomyocytes, a quality product suitable for all types of applications.



# Our Philosophy

Celogics strives to manufacture user-centered quality human induced pluripotent stem (iPS)-derived cells and provide a seamless user experience.

## Quality Cells

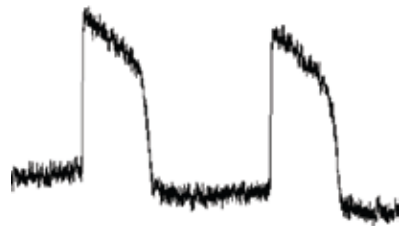
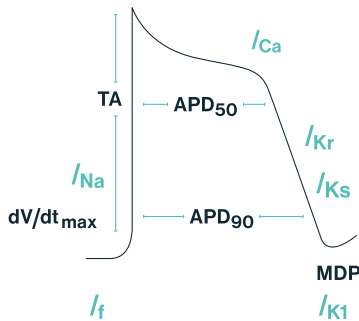
- ISO9001 certified **Quality Control**
- **Validated** extensively in peer-reviewed journals and application notes
- **Electrophysiology**-focused product development

## Quality Research

- **Consistent Results** (low variability)
- **High Sensitivity** to electrophysiological changes from drug treatment
- **Serum-Free Media** prevents unwanted interactions & increases biological relevance

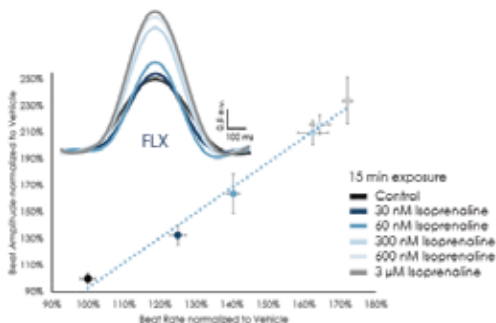
## Functional Data

- Voltage Sensing Optical (VSO) Measurement of Action Potential (AP)

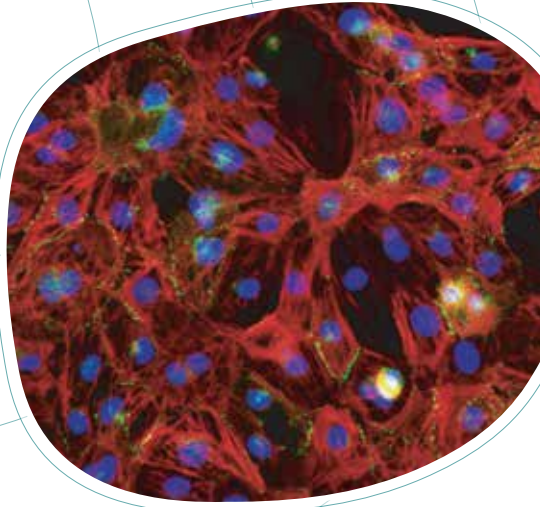
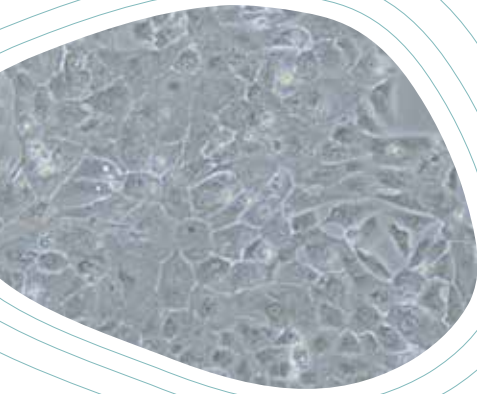


Adult-like Action Potentials

- Response to Positive Inotropes (Nanon FLEXcyte96)



# KEY FEATURES



## Product Specifications

<b>Cell type</b>	Cardiomyocytes
<b>Origin</b>	Human
<b>Source</b>	induced pluripotent stem cell-derived*
<b>Formats</b>	> 5 X 10 <sup>6</sup> cells/vial > 2.5 X 10 <sup>6</sup> cells/vial
<b>Storage</b>	Frozen vials in liquid nitrogen

\* All Celogics cardiomyocytes originate from a single male Caucasian iPS cell line reprogrammed in-house. Documentation concerning the origin of the cells is available upon request.

Our human iPSC-derived Cardiomyocytes have been validated on multiple platforms, including the Axion Maestro, Nanion Cardioexcyte96, ACEA CardioECR & Curi Bio MantaRay. The Quality Control process is central in ensuring that users get accurate and consistent results which match the validated data and our Certificate of Analysis (CoA). Celogics also offers extensive technical support so that even first-time users can be productive right from the start.

\*Visit our website [www.celogics.com](http://www.celogics.com) to find out more.

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