

## About Us

At **BL Nanobiomed P.C.** we apply nanotechnology to manufacture innovative, high added value products. We offer Solutions in Nanoparticles, Biosensors and Rapid tests for in-vitro diagnostics and 3D Bioprinting materials and procedures for bioengineering field.

We produce **Biosensors** to detect acute myocardial infraction, that find application in Healthcare Diagnostics, Sports Industry and Wearables.

## Contact Us



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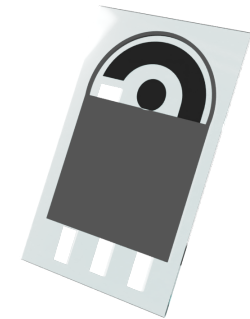
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**MI-Sense Biosensor**

# The Product

**BL Nanobiomed** promotes healthier living Solutions by introducing the **MI-Sense Biosensor** for quantitative testing of troponin levels at early stage, reducing the risk of heart attack.

The **MI-Sense Biosensor** is based in a combination of chemical printing and biochemical technologies generating a fully printed and flexible electrochemical device. Very small in size, with low cost of production which can selectively detect troponin biomarkers in human blood at very low concentrations with only a drop of sample.

The **MI-Sense Biosensor** is easy to use and can be adapted in portable devices, wearables and point of care systems. Also available in rapid test type for easy and fast qualitative results.



**MI-Sense Biosensor**

**MI-Sense Rapid Test**



# Applications



## Healthcare Industry



## Hospitals

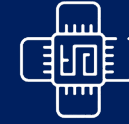


## Wearable Devices



## Sports Industry

# Our Technology



## Troponin Detection

(highly sensitive for troponin antigen - detection range: 10 ng/L – 10 µg/L)



## High Selectivity

(elimination of interference signals during detection)



## Flexible & Fully Printed

(fully printed on flexible substrates - small size)



## Small Sample Amount – Quick Results

(only a drop of blood sample is needed - <5 min response time)