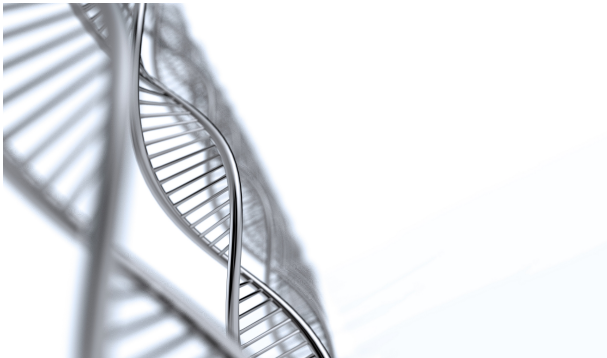


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### A Device for Profiling and Identifying an Oligonucleotide



#### ▶ MORE INFORMATION

##### MEGA-TREND

- Healthcare
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##### TECHNOLOGY READINESS LEVEL (TRL)

- TRL 3

##### PATENT/ GRANTED NUMBER

- UI 2020001869

#### ▶ TECHNOLOGY OVERVIEW

The present invention relates to a device for profiling and identifying a sample of an oligonucleotide. The device profiles the oligonucleotide based on its electronic properties, wherein the electronic properties refer to electronic parameters of a Schottky diode formed by the oligonucleotide. The device comprises of a first electrode and a second electrode disposed on a substrate, and a source measure unit.

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## CONTACT US!

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