Integrated Fluidics' new assay platform represents a true breakthrough in microplate assay performance.

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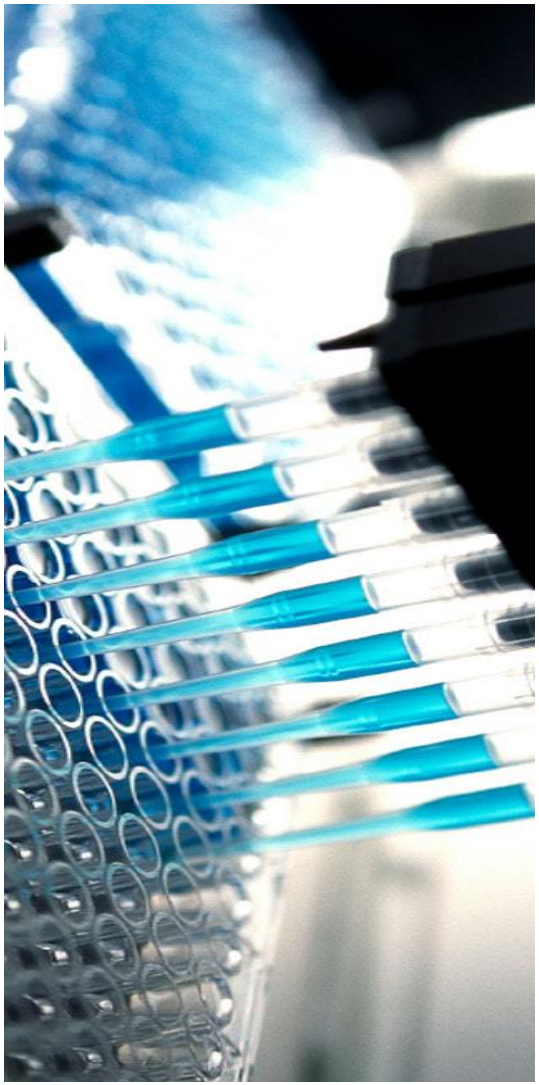
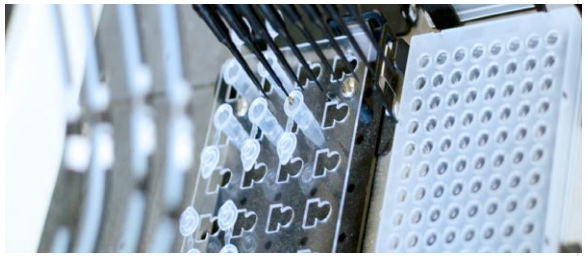
iFluidics

DRAMATIC IMPROVEMENTS IN MICROPLATE ASSAY PERFORMANCE!





WHAT HAS UNTIL NOW BEEN A PASSIVE PLASTIC REACTION VESSEL IS TRANSFORMED INTO AN ACTIVE, USER-CONTROLLED REACTION MANAGEMENT SYSTEM.

Innovation
The addition of electrodes to a microplate allows for in-well mixing, concentration, and separation.

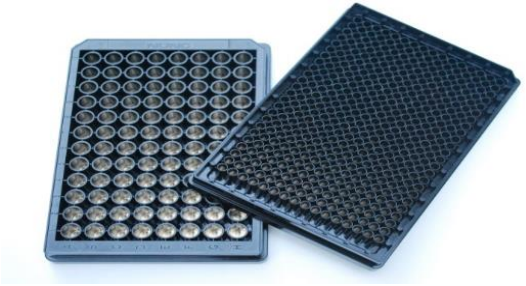
Compatibility
iFluidics innovative product lines are compatible with existing microtiter plate platforms.

Performance
iFluidics provides high-performance, ultra-low-volume assay platforms for the life sciences.

Precision
Our patent-pending systems enable precisely controlled mixing, user- defined precision, mixing separation, and concern.

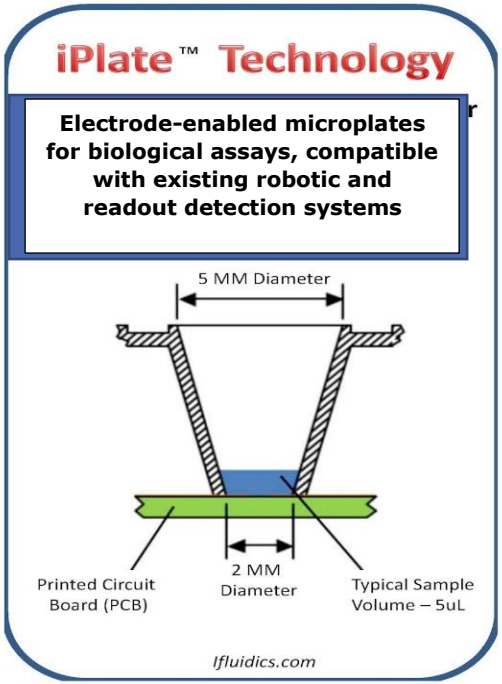
ABOUT THE IPLATE
Microtiter plates are in wide-spread use for biological assays. iFluidics has developed an active microtiter plate platform – the iPlate, in which the form is that of a standard microtiter plate, but the base is equipped with electrodes create the potential for fluidic manipulations inside a well.

The result is **enhanced laboratory productivity** and significantly **reduced overall cost**



- **Sensitivity is improved up to 100x**
- Reaction kinetics are **accelerated up to 15x**
- Regent consumption is reduced up to 25x -- w**ithout changes to existing workflow.**
- **Cheaper, faster, more sensitive** assays.
- **Cost effective, preventative personized medicine.**

HOW IT WORKS:



- Software drives a power supply.
- Power supply delivers impulses to a stage.
- Stage delivers impulses to electrokinetically-enabled iPlates which replace conventional plastic microplates in the workflow.
- Integrated reader sends data to web-based interface and stores in the cloud for analytics.