

# Microfluidic Devices to Extract, Concentrate, and Isolate DNAs and miRNAs for Disease Diagnosis

Tech ID: 22757 / UC Case 2013-052-0

## TECHNOLOGY DESCRIPTION

University researchers have developed a microfluidic device to efficiently extract, capture, concentrate, and isolate DNAs and RNAs, including miRNAs, from bio-fluids. The device is high-throughput and suitable for clinical use, particularly for point-of-care applications. The invention provides a platform technology that can be applied to all types of miRNAs for the detection of a wide range of diseases.

## INTELLECTUAL PROPERTY INFO

This technology is available for licensing and/or research sponsorship.

## PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	9,994,839	06/12/2018	2013-052

## CONTACT

University of California, San Diego  
Office of Innovation and  
Commercialization  
[innovation@ucsd.edu](mailto:innovation@ucsd.edu)  
tel: 858.534.5815.



## OTHER INFORMATION

### CATEGORIZED AS

- **Medical**
  - Devices
  - Diagnostics

### RELATED CASES

2013-052-0