

*Exceptional service in the national interest*



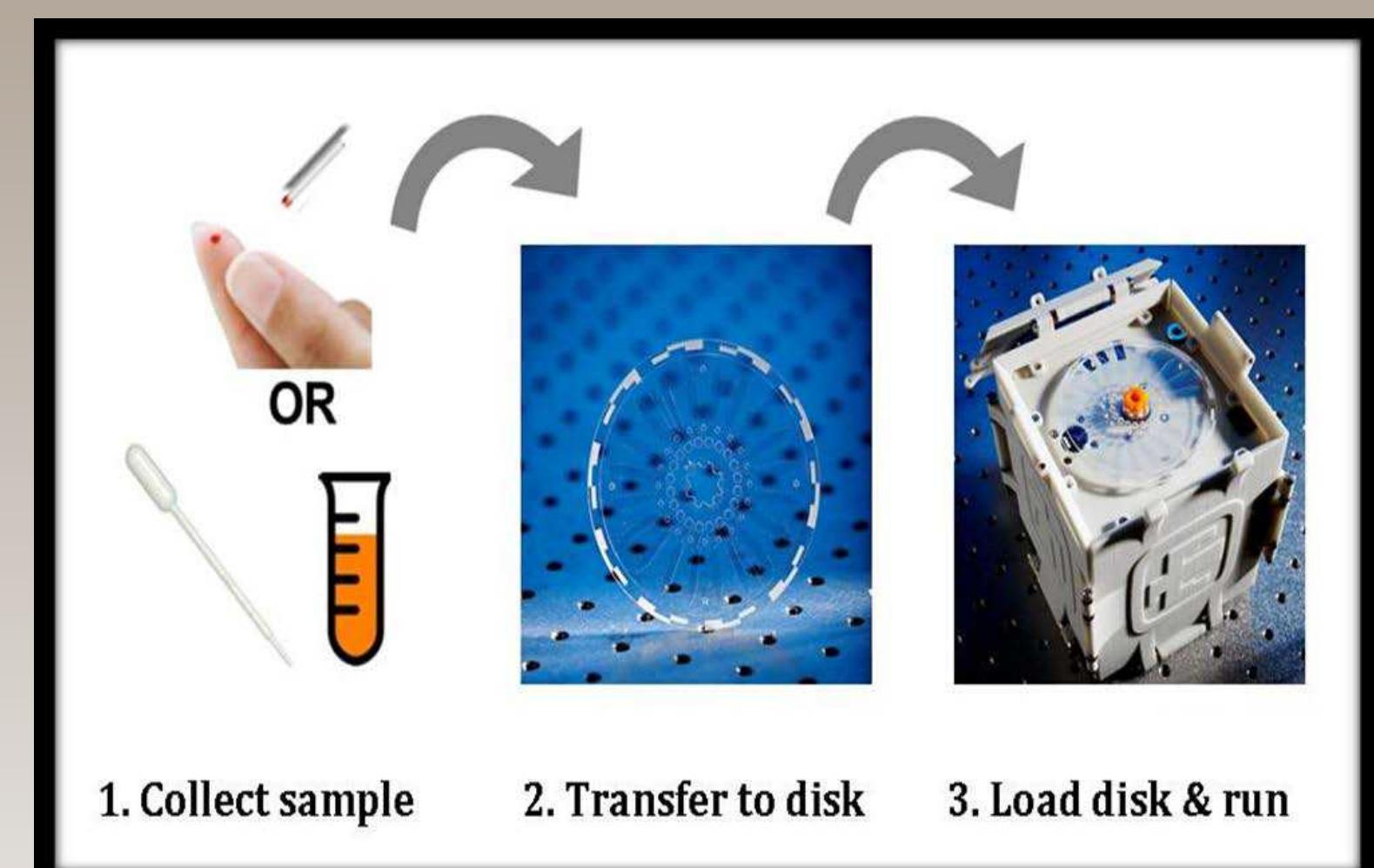
Sandia  
National  
Laboratories

# SpinDx™

## For Rapid Point-of-Care Diagnostics

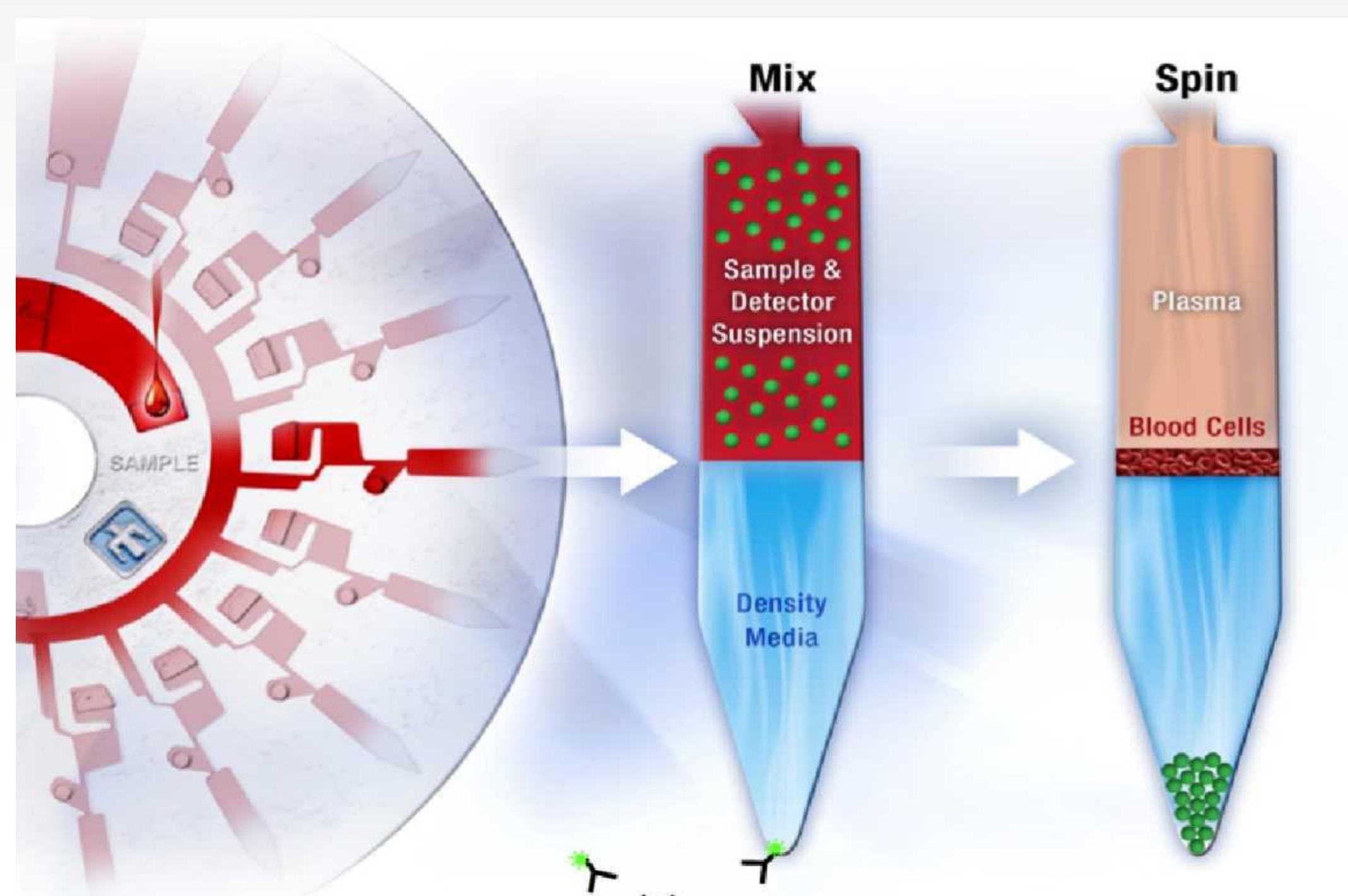
### How it Works

SpinDx is a plug-and-play platform consisting of a “reader” device and a disk containing beads designed for specific assays. Users add 2-20  $\mu$ L of whole blood, serum or saliva to the disk, load the disk into the reader, and start the assay. Within 15 minutes results display on the device screen or can be transmitted to a computer.



### Novel Technology

Combines bead-based assays  
with sedimentation



6 Pending U.S. Patent Applications

### Markets

- Medical Point-of-Care Screening
- Animal Testing
- Food and Water Safety
- Life Science Research
- Forensics and Drug Testing
- National Security

### Key Advantages

- Small Size**  
5 inch cube, 4 inch disks
- Low Cost**  
<\$1000 for the reader, <\$2 for disk
- Superior Analytical Sensitivity**  
10-100 fold better than most commercial ELISAs
- Capable of Multiplexing**  
up to 64 assays per disk
- Fast**  
sample-to-answer in 15 minutes
- No sample preparation required**

Sandia seeks commercial partners interested in further development, particularly in unique fields of use.

