



**bio-stream**  
When Testing Matters



# Lab quality testing from home

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Blood and urine tests taken at home rather than going to a lab

# Problem:

- Traveling to a doctor's office, inconvenient and too often not possible
- Testing as often as you want is not an option, need a doctor visit and requisition
- Waiting for your test results is stressful and delays treatment
- Expensive for end users and payers (Health authorities)

# Solution:

- You can test for **biomarkers YOU care** about.
- You can test as **often** as you want to feel comfortable
- You can **share** test result with health professional
- You can test from the **comfort and privacy** of your home
- Your **whole family** can use the same reader – works on different tests and it's affordable
- You can **trust** the test result are 'gold standard' accurate

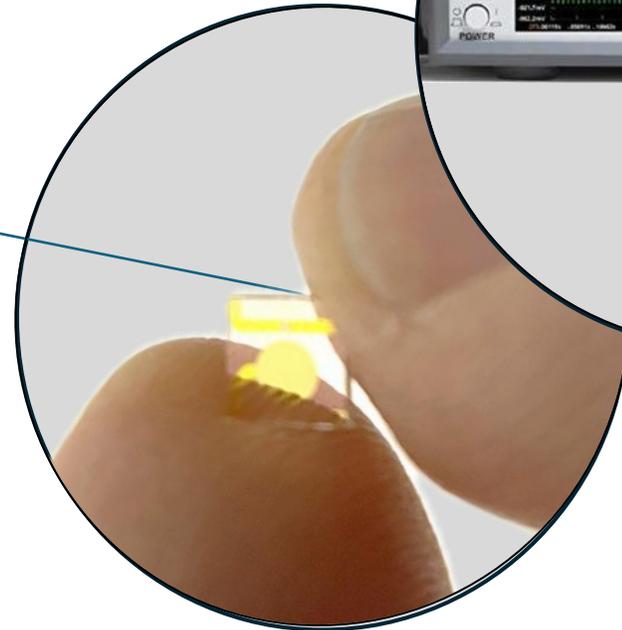
# Why Now: Multiple advanced techs align...

- Advanced Electronics are cheap; our \$200 reader is extremely accurate
- Advanced transistor /amplifier, allows accurate tests on your phone
- Advanced Chemistry: Aptamers are proven product ready at a cost of 9 cents
- Universal Reader supports a strong network effect / new business model
- People are taking control of their health. The market cares.  
(smart watches and fit bits are paving the way)

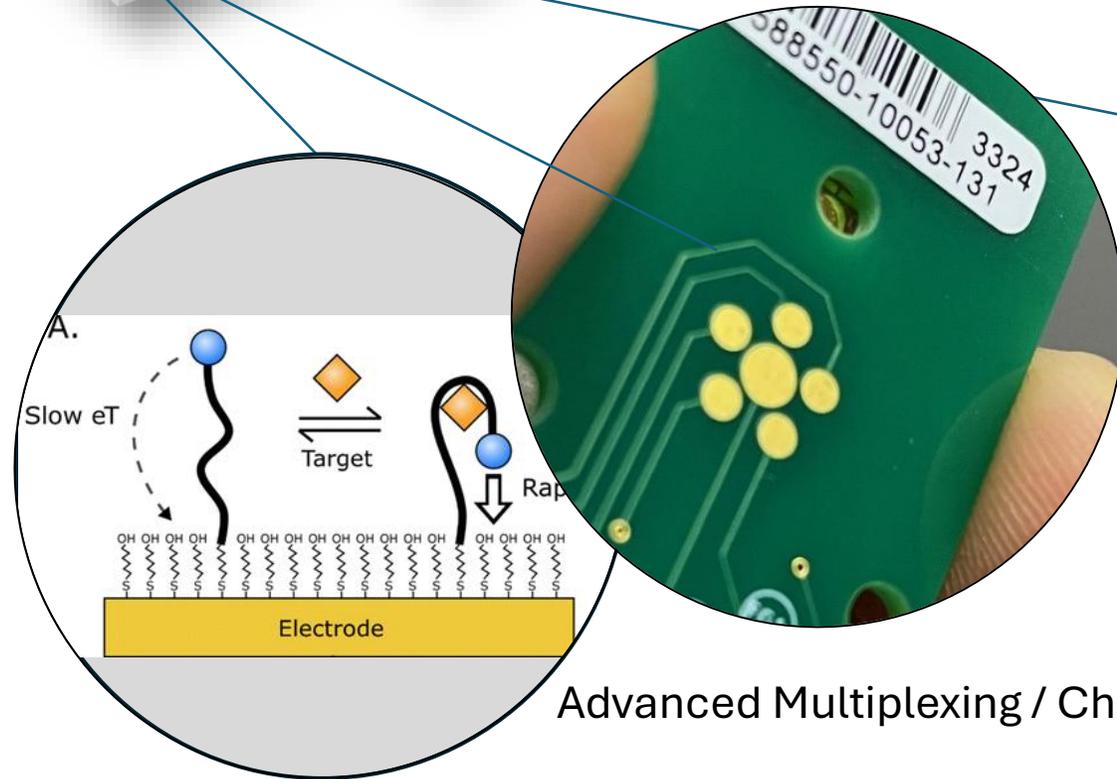
# Novel Technology



Miniaturized  
SMU & Potentiostat



Advanced Transistor (OECT)



Advanced Multiplexing / Chemistry

Patents filed...

# Opportunity

**26,000 more biomarkers**  
(moving beyond a few classic biomarkers, glucose, pregnancy etc)

- Pre-diabetes
- Infectious disease
- Cardiovascular disease
- Neurodegenerative diseases
- Companion diagnostics
- Water pathogens
- Wellness indicators



# trax platform

**Add sample  
(Blood or urine)  
To disposable  
sensor**



**Follow on-screen  
instructions**



**See your test  
results in <5  
mins**

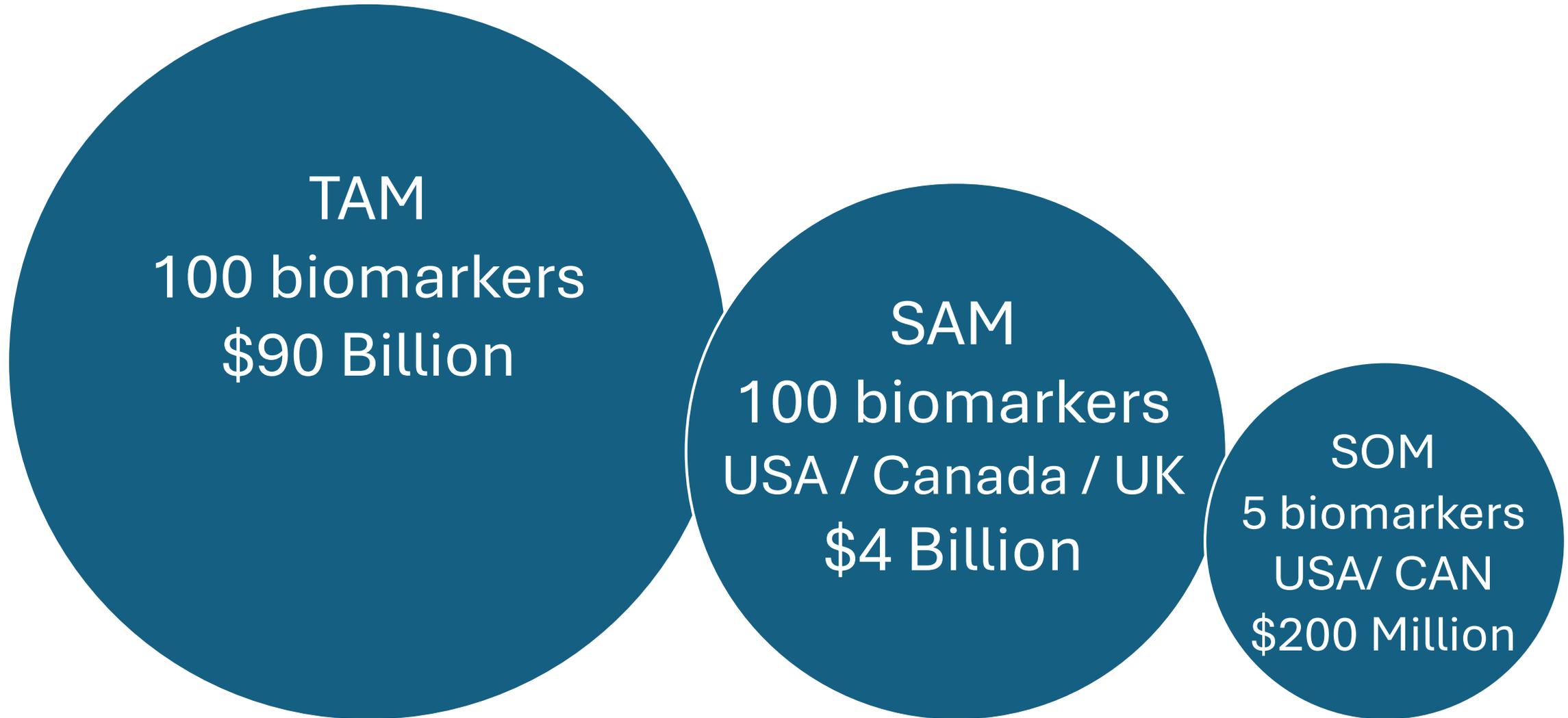


# Solution: trax brings lab quality test to the home user

- Accurate Results: lab-comparable
- Time to Result: < 5 minutes
- Low-cost consumables: < \$20
- Portable: pocket-sized
- Versatile: many tests created

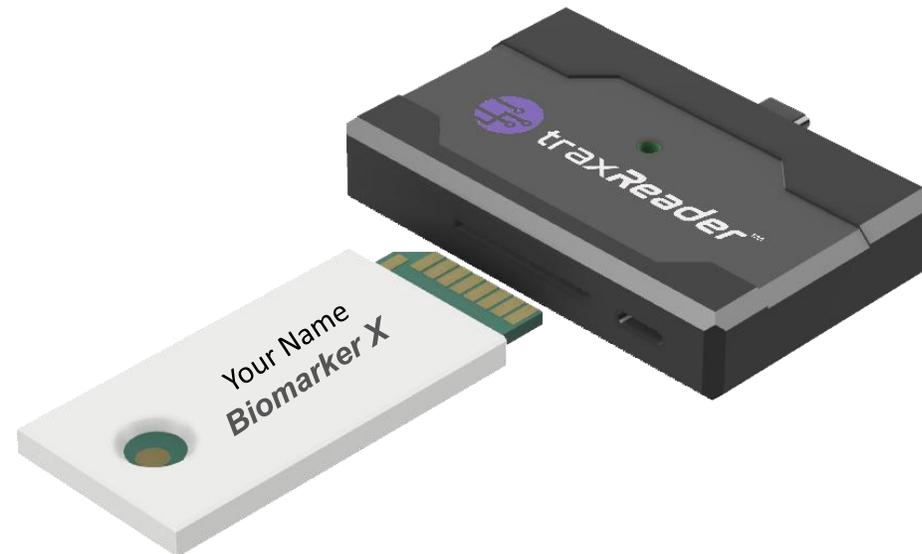
- ***Blood***
- ***Plasma***
- ***Serum***
- ***Urine***
- ***Saliva***
- ***Water***
- ***Swabs***

# Market Size



# Go to Market

**We use partners to go to market**  
**Our partners own the test**



Partners know the markets and have existing channels

# Go to Market

## First 3 partners signed up!

Each partner pays Bio-Stream to build a proof-of-concept test  
\$40,000

Each partner pays Bio-Stream to turn their prototype into a product  
\$500,000

Each Biomarker earns Bio-Stream about **\$45 million** per year post FDA

A dozen customers currently back-logged

# Business Model

10 million units

Number of tests  
for 3 biomarkers  
2027 – 2030

\$29

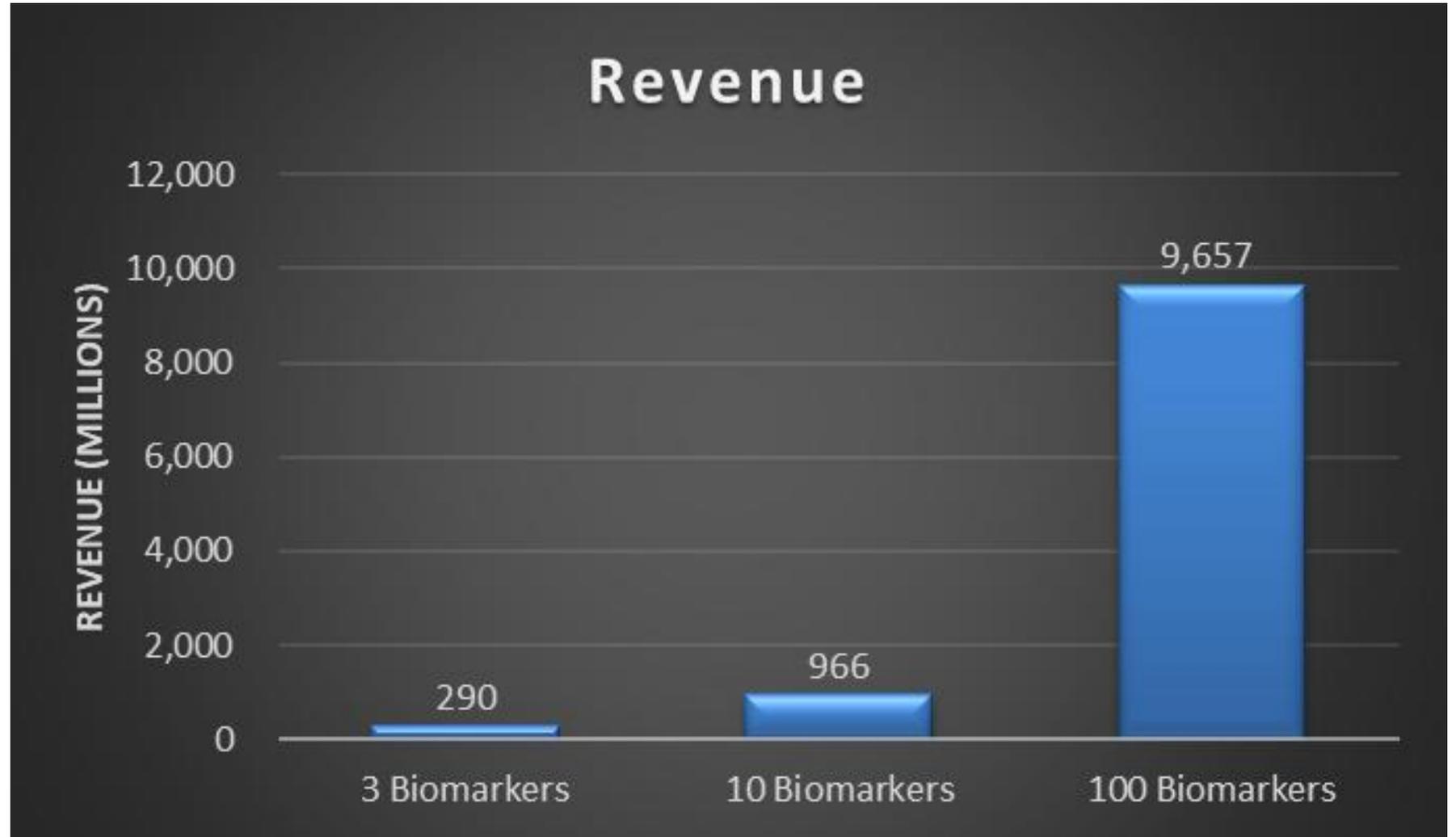
Avg revenue per  
multiplex test  
panel

\$290 Million

Bio-Stream Revenue  
2027 - 2030

# Scalable Revenue

- ✓ Strong Margins
- ✓ Highly scalable consumables
- ✓ Leveraged Universal reader
- ✓ Proven Manufacturing
- ✓ We own the relationship with all end users



# TEAM



**CEO &  
Co-Founder**

*John Murphy  
Built a previous  
company from 2 to  
100 employee with  
successful exit*

**CSO**

*Dr. Shairaz  
Baksh  
Harvard trained  
with years in  
industry and  
academia*

**CTO**

*Lee Marsh  
Built scalable  
enterprise  
software for  
global 500*

**Electrochemical  
Scientist**

*Erfan  
Rahbarimehr*

**Electronics  
Scientist**

*Dr. Trevor Allen*

**COO**

*Don Murphy*

**Software Eng.**

*Brad Miller*

## BOARD



**Former President:  
NASDAQ**  
*Al Berkeley*



**CEO of BioMark,  
(cancer diagnostics)**  
*Rashid Bux*



**CEO  
Bio-Stream**  
*John Murphy*



**CEO  
SDMC Inc**  
*Greg Andrukow*



# INVESTMENT Pre-Series A

## Ask:

- \$5 million
  - Class A voting shares:
  - Min. Investment \$100,000
  - Priced round / Subscription Agreement available:
- Expected close Q2 2025

## Use of Funds

- Volume manufacturing (readers/sensors)
- Hires: Electrochemical expert, Regulatory, Sales
- Obtain 510K approval (FDA)
- Reach 'Sustainable Revenue'



***We're revolutionizing how people can self-test for their own health issues.***

**THANK YOU**

**John Murphy, CEO**

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