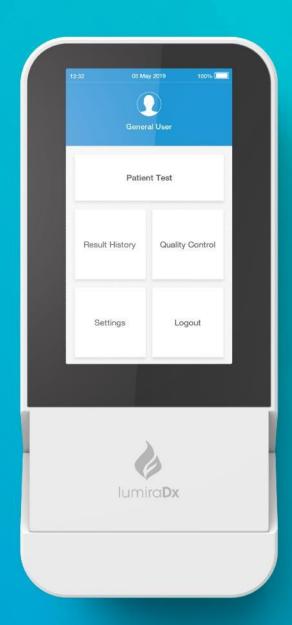


# Transforming Community-Based Healthcare

Corporate Presentation
September 2021



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The Proposed Business Combination will be submitted to the stockholders of CAH for their consideration and approval at a special meeting of stockholders. LumiraDX filed a registration Statement') with the SEC on July 7, 2021 (File No. 333-257745), which includes preliminary and definitive proxy statements and be distributed to holders of CAH's common stock in connection with CAH's solicitation for proxies for the vote by CAH's stockholders in connection with the Proposed Business Combination. After the Registration Statement has been declared effective, CAH will mail a definitive proxy statement and other relevant documents to its stockholders as of the record date established for voting on the Proposed Business Combination. CAH's solicitation of proxies for its special meeting of stockholders to be held to approve, among other things, the Proposed Business Combination, because these documents will contain important information about CAH, LumiraDx and the Proposed Business Combination. Stockholders may also obtain a copy of the preliminary or definitive proxy statement / prospectus, once available, as well as the Proposed Business Combination and other documents filed with the SEC by CAH, without charge, at the SEC's website located at www.sec.gov or by directing a request to 99 Summer Street, Sulte 200, Boston, MA 02110, Attention: Larry Neiterman (larry@cahcspac.com). This Presentation does not constitute a solicitation of any proxy.

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#### INDUSTRY AND MARKET DATA

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# Transaction Details



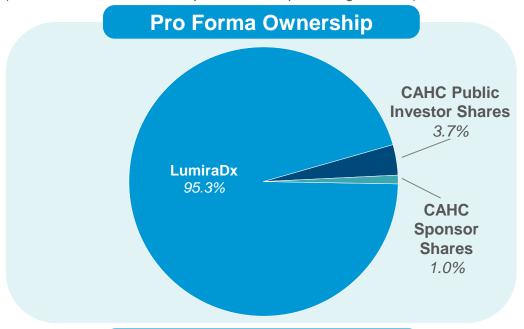
## Revised Transaction Overview

Revised transaction terms adjust LumiraDx's pro forma valuation for the combined group from \$5 billion to \$3 billion (excluding \$115 million raised by CAHC in its IPO).

- Attractive Entry Point Terms establish a more attractive entry point for investors, and a highly compelling investment thesis on an absolute and relative basis
- Revised Deal Factors Factors considered in revising the valuation include: the recent market environment for publicly traded diagnostic companies, volatility in COVID-19 testing demand, and feedback from CAHC's advisors and shareholders
- LumiraDx Roadmap LumiraDx has a roadmap of 10 new test approvals over the next 24 months
  on its platform, including Troponin, Flu/COVID, and TB.
- Updated Guidance LumiraDx recently updated 2021 revenue guidance range to \$300-500 million and provided 2024 revenue guidance in the range of \$1.00-1.25 billion.
- Closing The Boards of Directors of both LumiraDx and CAHC reaffirm their recommendation of the
  deal, which is expected to close in the fall of this year, subject to approval by the security holders of
  CAHC and LumiraDx and the satisfaction of customary closing conditions. Upon closing, LumiraDx
  is expected to trade on Nasdaq under the ticker symbol "LMDX."

# Pro-Forma Terms of Revised Deal (Based on 6/30)

(Stated in Millions other than per share and percentage metrics)

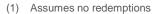


## **Key Points**

- No existing LumiraDx shareholders will be selling shares
- The additional capital and cash from operations will provide growth capital to support increasing product demand, continued R&D activities and commercial and manufacturing expansion.
- The transaction is currently expected to close in the fall of 2021.

Sources and Uses	
Sources	
LumiraDx Equity	\$3,000
CAHC Cash Held in Trust <sup>1</sup>	\$115
Total Sources	\$3,115
Uses	
LumiraDx Equity	\$3,000
Cash to LumiraDx Balance Sheet	\$99
Estimated Combined Fees & Expenses	\$16
Total Uses	\$3,115

Pro Forma Valuation	
Shares Outstanding	315
Price Per Share	\$10.00
Market Capitalization	\$3,148
Less Cash Balance <sup>2</sup>	\$(344)
Plus Debt <sup>3</sup>	\$318
Enterprise Value	\$3,122



Assumes company cash balance as of 6/30/2021 of \$245M plus \$115M from cash in trust minus \$16M of estimated combined fees & expenses

<sup>(3)</sup> Includes \$300M of BioPharma Credit debt, \$18M The Gates Foundation debt, and excludes convertible debt that will be converted as a part of the transaction

Note 1: Numbers presented are pro forma, estimated as of 6/30/2021, and exclude any funding from Capital One
Note 2: Excludes 5.75M public warrants Confidential and Proprietary Copyright © 2021 LumiraDx Ltd. All Rights Reserved, Worldwide. For discussion purposes only.

## LumiraDx's Proven Track Record



Ron Zwanziger CEO, Co-Founder, Chairman and Director



Dave Scott, Ph.D.
Chief Technology Officer,
Co-Founder and Director



Jerry McAleer, Ph.D.
Chief Scientist,
Co-Founder and
Director



David Walton, D.M.S. Chief Commercial Officer



Nigel Lindner, Ph.D. Chief Innovation Officer



Veronique Ameye
Executive Vice President
and General Counsel



Tom Quinlan General Manager, Health IT



**Dorian LeBlanc, C.P.A.**CFO and Vice President,
Global Operations



Peter Scheu
President, North
American
Commercial Operations



Pooja Pathak Vice President, Platform Strategy





ALERE
Sold to Abbott for \$8.2B



INVERNESS
Sold to J&J for \$1.3B



MEDISENSE
Sold to Abbott for \$900M



## Our Mission

We are focused on transforming community-based healthcare by providing fast, accurate and comprehensive diagnostic information to healthcare providers at the point of need, thereby enabling better medical decisions leading to improved outcomes at lower cost.

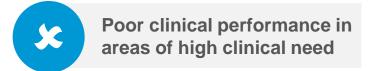
Our diagnostic solutions are designed to be affordable and accessible for every individual around the world.

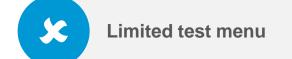


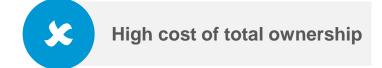
# Current Point of Care (POC) Solutions Have Major Limitations

The traditional approach to POC test development has limited scalability and has resulted in ineffective, inefficient and costly solutions











# We Have Developed and Commercialized an Innovative, Disruptive Solution for POC Testing

Consolidating multiple POC systems onto a single instrument, The LumiraDx Platform is designed to be a one-stop solution to transform diagnostic testing and health outcomes around the world



Lab-comparable performance in minutes

Broad menu of tests on a single instrument

Low cost of ownership

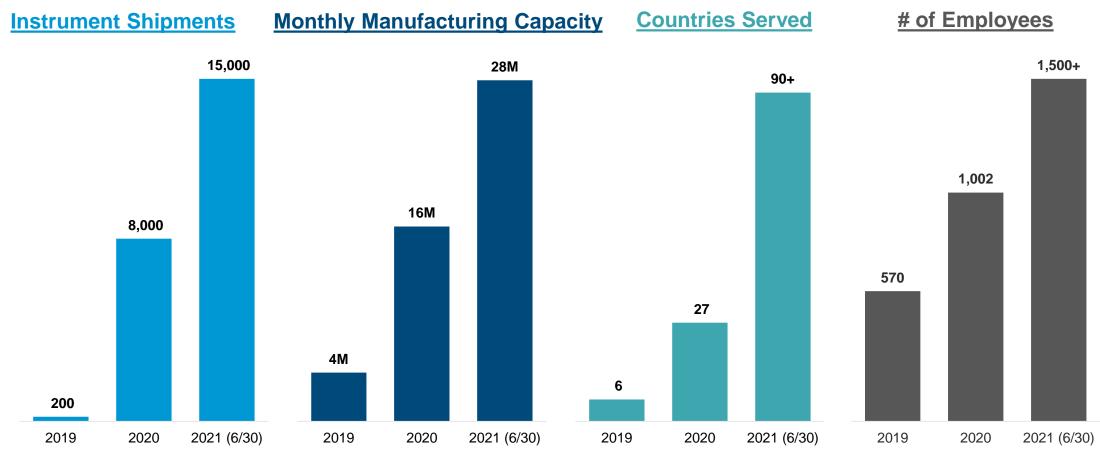


# Bill Gates Video





# Business Momentum: COVID-19 Deployment A Was A Major Accelerator of Our Plans





# **Key Takeaways**

### **World-Class Diagnostics Management Team**

Experienced team of diagnostics industry professionals with a long-term track record of success

## **Large and Growing Global Market Opportunity**

Addressing a large and underpenetrated global diagnostics testing market

### **Customer Focused Growth Strategy**

LumiraDx will drive adoption of the platform through partnerships in three core channels:

1. Physician Office/Retail/Pharmacy 2. Acute/Emergency Care 3. Global Health

## **Robust Pipeline of Assays**

The LumiraDx platform has a robust assay pipeline that will enable the opportunity to improve care pathways and outcomes at the Point Of Care.

### **Transformative Technology**

The LumiraDx platform technology delivers fast lab-comparable performance at the POC through a portable digitally connected system.

#### **Proven Platform**

Platform validation of several assays with blue-chip customers, including CVS, NHS, and The Gates Foundation

### **Proprietary Manufacturing Advantage**

World-class manufacturing capabilities enable large-scale low-cost production with significant capacity levels.



# A Proven Platform That Delivers



# Allows for Multiple Sample Types and Test Technologies on Common Strip Architecture

## **Test Technologies**

Immunoassay

Enzyme

Molecular

Clinical Chemistry

Hematology

Electrolytes / Blood Gas



## **Sample Types**

Fingerstick blood

Venous blood/ Plasma/Serum Nasal/Nasopharyngeal Throat Swab + Saliva

Urine



# Addresses a Large and Underpenetrated **POC Testing Market Opportunity**



LumiraDx's POC testing to take testing volume share



POC's limited market share is due to limited menu of expensive tests. LumiraDx sees a significant opportunity to expand POC market share with broader test menu and performance similar to central laboratory with lower prices at POC.



# Rapid Rollout of Platform Assays In 2021-2022 Focus on Largest Testing Needs in Community Based Care

Test	IVD Category	Market Segments	CE Mark <sup>1</sup>	FDA Submission <sup>2</sup>	TAM <sup>3</sup>
COVID-19 antigen	Immunoassay	Physician office, Retail/Pharmacy, Acute/Emergency Care, Global Health	Complete	Complete	~\$4-\$16B <sup>4,5</sup>
COVID-19 antigen pool	Immunoassay	Physician office, Retail/Pharmacy, Acute/Emergency Care, Global Health	Complete	H2 2021	~\$2-\$8B <sup>4,5</sup>
COVID-19 antibody	Immunoassay	Physician office, Retail/Pharmacy	Complete	Submitted	~\$1-\$3B
INR	Coagulation	Physician office, Retail/Pharmacy	Complete	H1 2022	~\$500M
D-Dimer	Immunoassay	Physician office, Acute/Emergency Care	Complete	H2 2022	~\$700M
Flu A/B + COVID-19	Immunoassay	Physician office, Retail/Pharmacy, Acute/Emergency Care	H2 2021	H2 2021	~\$1.5-3B <sup>4</sup>
RSV + COVID-19	Immunoassay	Physician office, Retail/Pharmacy, Acute/Emergency Care	H2 2021	H2 2021	~\$200-\$450M <sup>4</sup>
CRP	Immunoassay	Physician office, Retail/Pharmacy, Global Health	H2 2021	TBC	~\$300M
HbA1c	Immunoassay	Physician office, Retail/Pharmacy	H1 2022	H2 2022	~\$1.3B
HS Troponin I	Immunoassay	Acute/Emergency Care	H1 2022	H2 2022	~\$900M
Strep A	Molecular	Physician office, Retail/Pharmacy, Acute/Emergency Care	H2 2022	H2 2022	~\$300M
ТВ	Molecular	Global Health	H2 2022	N/A	~\$250M
Na, K	Clinical Chemistry	Physician office, Retail/Pharmacy, Acute/Emergency Care	H2 2022	H2 2022	~\$150M
Hemoglobin	Hematology	Physician office, Retail/Pharmacy, Acute/Emergency Care, Global Health	H2 2022	H2 2022	~\$400M
BNP / NT-proBNP	Immunoassay	Acute/Emergency Care	H2 2022	H2 2022	~\$700M

<sup>(1)</sup> CE Mark timelines based on self-certification and may be impacted by IVDR

<sup>(5)</sup> COVID-19 antigen TAM is expected to be ~\$10-\$16B during 2021 and is expected to drop down to ~\$4-\$6B going forward. COVID-19 antigen pool TAM is expected to be ~\$5-\$8B during 2021 and is expected to drop down to ~\$2B-\$3B going forward



<sup>(2)</sup> Launch dates dependent on device classification and related FDA review timelines

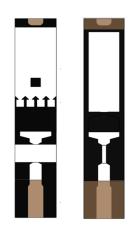
<sup>(3)</sup> Global Total Addressable Market ("TAM"), based on our assumptions, including the (1) existing market sizes, (2) central lab market that could move to the POC, and (3) expansion of diagnostic testing

<sup>(4)</sup> COVID-19 antigen TAMs may overlap with each other (e.g., COVID-19 antigen, COVID-19 antigen pool, Flu A/B + COVID-19, RSV + COVID-19)

# Amira Focused on COVID-19 Near Term, With Broader Screening and Home Testing Capabilities

## **Amira Test Strip and Carton**





## **Amira Device**



## **LumiraDx Engage App**



### **Near Term**

 \$2-4 COVID-19 Antigen Test for POC and OTC use in Fall 2021

### **Mid-Term**

- High sensitivity, connected screening for infectious diseases:
  - HIV, Malaria, Dengue

## **Long Term**

 At-home monitoring of chronic conditions as well as OTC testing solutions



# Unmet need for High Sensitivity Flu A/B + COVID-19 Combo Antigen Test

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	TRUE POC Product Needs	Quidel Sofia	BD Veritor
Technology	Next-gen technology with reduced interferences	Lateral Flow with Reader	Lateral Flow with Reader
Reference	Molecular	Molecular (COVID) Culture (Flu)	Molecular (COVID) Molecular, LF (Flu)
Intended use	10+ DSO	5 DSO, presumptive after 5 days	6 DSO, all negative presumptive
EUA COVID-19 PPA	≥95% vs. RT-PCR	95.2% (n=42 vs. RT-PCR)	86.7% (n=60 vs. RT-PCR)
EUA Flu A PPA	≥90% vs. RT-PCR	100% (n=70 vs. 510K Sofia and Solana)  510K data  Nasal: 90.0% (n=138 vs. culture)  NP: 97.1%(n=103 vs. culture)	100% (n=40 vs 510K BD Flu A/B) <u>510K data</u> 82.7% (n=226 vs. RT-PCR)
EUA Flu B PPA	≥90% vs. RT-PCR	100% (n=15 vs. 510K Sofia and Solana) <u>510K data</u> Nasal: 89.0% (n=112 vs. culture)  NP: 90.0% (n=112 vs. culture)	100% (n=35 vs 510K BD Flu A/B) <u>510K data</u> 80.7% (n=171 vs RT-PCR)
LOD	SARS-CoV-2: <50 TCID50/mL   Flu A (H3N2): <100 TCID50/mL   Flu B: <100 TCID50/mL	SARS-CoV-2: 91.7 TCID50/mL Flu A (H3N2): 50 TCID50/mL Flu B: 1.8 TCID50/mL	SARS-CoV-2: 2.8 x 102 TCID50/mL Flu A (H3N2): 4.11 x 104 TCID50/mL Flu B: 3.97 x 107 EID50/mL
Time to results	<12 min	15 min	15 min
Sample types	Nasal	Nasal, NP	Nasal



# Flu A/B + COVID-19 POC Testing is Significant Near-Term Revenue Opportunity



- \$20-25 est market price
- Combo reimbursed at \$63-73 in US vs. \$43 for COVID only

45+
Countries with LumiraDx
Platform globally for
Flu+COVID combo testing

3,500+
Instruments placed in the US for Flu+COVID combo testing

LumiraDx has expanded COVID-19 testing into community settings such as airports, schools, cruise lines, sporting events, workplaces, and other public events.

# Significant Worldwide Distribution



# Customer Focused Growth Strategy: 3-Year Roadmap

	Physician Office / Retail / Pharmacy	Acute / Emergency Care	Global Health
Install Base	5,000+	2,000+	5,000+
Commercially Available	INR D-Dimer COVID-19 Antigen COVID-19 Antibody	D-Dimer COVID-19 Antigen COVID-19 Antibody	COVID-19 Antigen
Strategic Partners	pharmacy Spots US Health Systems	NHS	BILL & MELINDA GATES foundation
2021-2022 Launch	CRP Flu A/B + COVID-19 RSV + COVID-19 HbA1c Na, K Strep A Hemoglobin BNP / NT-proBNP	Flu A/B + COVID-19 RSV + COVID-19 HS Troponin Na, K Hemoglobin BNP / NT-proBNP	CRP Flu A/B + COVID-19 TB Hemoglobin HbA1c
3 Year Roadmap	Sexual Health Diabetes Cardiovascular disease Respiratory	Cardiac Respiratory Hospital Acquired Infection	Virology Vector Borne Disease



Note: Total instrument shipments are 15,000 with 3,000 estimated for use in COVID-19 screening applications with future testing needs to be determined

# A Broad Testing Menu Will Drive Robust Testing Volumes and Attractive Unit Economics

Illustration: US Physician Office Group
Total Revenue Per Year

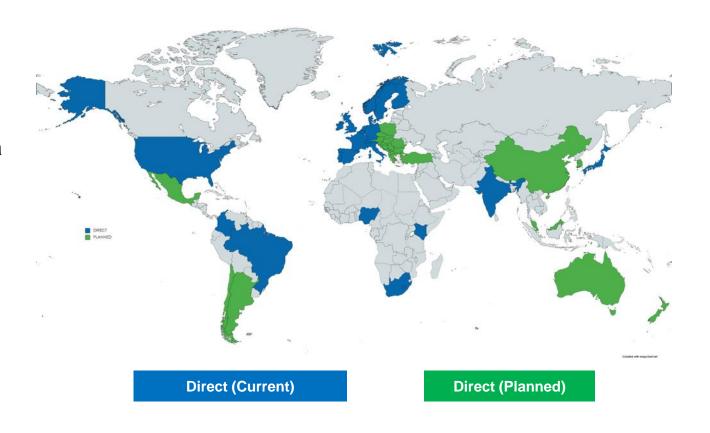
		YEAR 1			YEAR 2		YEAR 3			
		Test			Test			Test		
		Volume	ASP	Revenue	Volume	ASP	Revenue	Volume	ASP	Revenue
Respiratory	Flu A/B	1,140	\$7.50	\$8,550	1,140	\$7.50	\$8,550	1,140	\$7.50	\$8,550
	COVID-19	1,140	\$16.00	\$18,240	1,140	\$16.00	\$18,240	1,140	\$16.00	\$18,240
	Strep A (MDX)				1,008	\$14.00	\$14,112	1,008	\$14.00	\$14,112
Diabetes	HbA1c				480	\$5.00	\$2,400	1,440	\$5.00	\$7,200
	Glucose							1,440	\$3.00	\$4,320
	Cr							720	\$3.00	\$2,160
Cardiovascular	Lipids							1,872	\$6.00	\$11,232
	Na, K				936	\$4.00	\$3,744	936	\$3.00	\$2,808
	ALT/AST							1,152	\$4.00	\$4,608
Sexual Health	hCG							1,152	\$3.00	\$3,456
	CT/NG (MDX)							288	\$10.00	\$2,880
Coagulation	INR				1,584	\$4.00	\$6,336	1,584	\$4.00	\$6,336
TOTAL		2,280		\$26,790	6,288		\$53,382	13,872		\$85,902

Menu and pricing strategy allows for meaningful revenue/margin to LumiraDx as well as the Customer.



# Global Commercial Footprint Poised For Growth

- >1,500+ employees, of which >200 are commercial employees located in 27 countries
- Direct sales operations in Western Europe,
   USA, Japan, Colombia, Brazil, India and Africa
- Distribution in another >30 countries. Total reach >90 countries
- Over time, plan to operate with a direct commercial presence in each of the largest diagnostics markets, including China, South Korea, Southeast Asia and Latin America to ensure broad access of our Platform globally





# 15K Platform Shipments Globally and Further Market Access Plans

### **North America**

- US registered: COVID-19 Ag (EUA), COVID-19 Ab (EUA submitted)
- · Canada: COVID-19 Ag submitted

### **South America**

- Brazil ANVISA: COVID-19 Ag, COVID-19 Ag Pool, COVID-19 Ab, D-Dimer, INR
- Colombia: COVID-19 Ag

### **Europe and Middle East**

- CE Mark: COVID-19 Ag, COVID-19 Pool, COVID-19 Ab, INR, D-Dimer
- Registrations underway in ME and Russia

### **Asia Pacific**

- Japan, Hong Kong, and Australia registered
- Registration underway in India, Indonesia, Thailand, Malaysia, Singapore, others

#### **Africa**

 WHO PQ: COVID-19 Ag and transition to country procurement in process, currently available through EUA

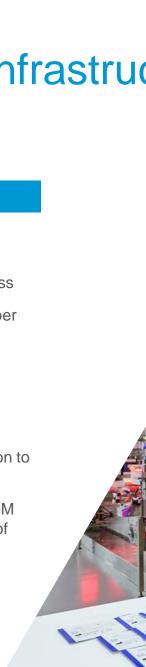




Large Scale Manufacturing Infrastructure

**Enabling Global Growth** 

		Instruments		Test Strips
LumiraDx Platform	•	Manufactured by	•	Manufactured on a common platform using a high volume, web-based, automated process
	•	Flextronics in Althofen, Austria	•	Capacity of 28M+ test strips per month
			•	Located in Scotland and U.S. (strips and components)
			•	Manufactured in similar fashion to platform test strips
Amira System	•	Manufactured in US/planned Mexico	•	Expected capacity of up to 10M test strips per day by the fall of 2021
			•	Located in England

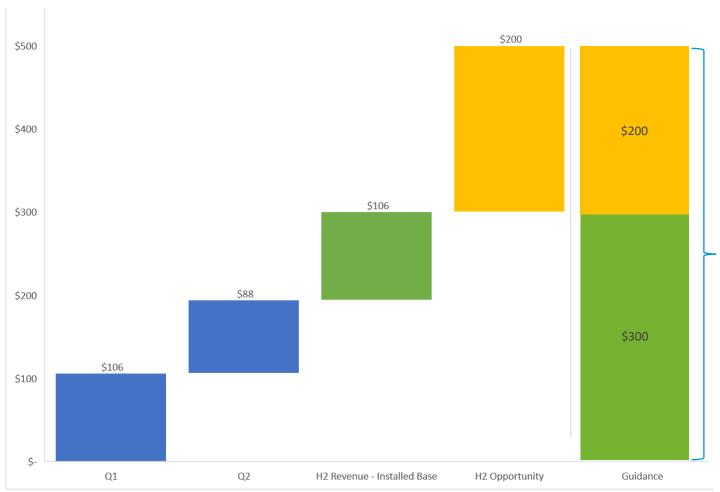




# Attractive Financial Profile



# 2021 Revenue Update\*



2021 Full Year \$300 - \$500 million Projected Revenue

Sample



H2'21 Projections



## 2021 Revenue

- Year to date:
  - \$170.5 million Platform sales (including instruments and consumables)
  - \$7.5 million RNA Star
  - \$16.0 million other
- Full Year Update:
  - Base Revenue from current installed base
  - Revenue Opportunities largely dependent on:
    - COVID / Flu A / Flu B commercialization
    - CRP and D-Dimer commercialization
    - COVID Screening Opportunities
    - Amira commercialization

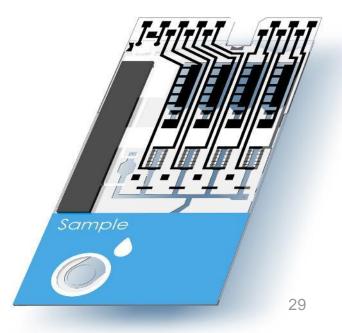




## **Income Statements**

(000's) - IFRS Financials	2019	2020	H1'21
			Unaudited
Revenue	23,142	139,153	194,094
Gross Margin	8,820	52,947	56,434
Research & Development	86,546	107,539	59,257
Selling, marketing and administrative	37,294	46,129	64,998
administrative			
Operating			
Loss	(115,020)	(100,721)	(67,821)
Net Finance Expenses	(27,630)	(150,222)	(126,582)
Tax credit / (provision)	9,541	9,946	(1,557)
Net Loss	(133,109)	(240,997)	(195,960)





## **Financial Statement Comments**

- Gross Margins in H1'21 largely impacted by non-recurring expenses related to scale up and COVID dynamics with adjusted product margins in line with expectations and long term guidance
- Pro Forma adjustments include significant non-cash adjustments related to convertible debt and other IFRS accounting for debt and equity transactions.
- Cash on hand at June 30, 2021 \$245 million
- Decrease in cash on hand from March 31, 2021 due to inventory buildup and manufacturing CAPEX, largely completed



## 2024 Outlook and Financial Profile

### LumiraDx Base Case Projected Revenues - \$1.00 - \$1.25 Billion

- COVID/Flu products 15%-20% of total revenue
- High Sensitivity Troponin 15%-20% of total revenue
- BNP 5%-10% of total revenue
- HbA1c 5%-10% of total revenue
- Strong mix across other Platform pipeline products
- Amira Platform 5%-10% of total revenue
- Fast Lab Solutions 5%-7% of total revenue

### Gross Margins exceeding 65%

- Highly automated, scalable manufacturing drives immediately high gross margins
- Installed manufacturing equipment flexible across full product line, high efficiency

### R&D Spending at 10% or less of revenue by 2024 and decreasing

- R&D and clinical spend higher as % in near term for product pipeline
- Opportunity to enter new lines of business in future to leverage base technology

### Operating Margins approximately 40%

- LumiraDx Platform drives significant operational efficiencies for users and the Company
- Lower operating margins in near term to scale global commercial organization
- Taxes UK Patent Box tax rates apply to significant portion of long term taxable income. Long term global effective tax rate approximately 17%
- CAPEX Large manufacturing capacity installed in 2020/2021. Ongoing CAPEX largely for instrument reagent rentals (<5% of revenue)



# **Appendix**



# Upmot Nood for Ligh Consitivity Transpin DOC Tost

Unmet Need 101	High Sensitivity	Hoponin POC	rest
		К	ey differential

	True POC Needs	Lab Reference Abbott Architect STAT hs-Tnl	POC Example Siemens Atellica VTLi hs-cTnl	POC Example Triage True hsTnl
Intended Use	Aids diagnosis of myocardial infarction	Aids diagnosis of myocardial infarction	Aids diagnosis of myocardial infarction	Aids diagnosis of myocardial infarction
Regulatory Authorization	CE Mark, FDA 510K	CE Mark, FDA 510K	CE Mark	CE Mark
Additional Potential Claims	30 day prognosis	30 day prognosis (CE Mark)	N/A	N/A
Limit of Quantitation <20% CV	≤ 2.0 ng/L	≤3.2 ng/L (specification) 1.5 – 2.9 ng/L (observed)	2.1 ng/L – plasma 3.7 ng/L – WB	2.1-3.6 ng/L – Plasma 2.8 ng/L – WB
Clinical Sensitivity	Whole blood: 2h: 90%+	EDTA Plasma – 2-4h: 90.9%	Whole blood - 2h: 81.3%	EDTA Plasma – 2-4h: 91.9%
Reportable Range	1.0 – 1,000 ng/L	3.2 to 50,000 ng/L	2.1 ng/L (plasma)/3.7 ng/L WB to 1,250 ng/L	0.1 ng/L to 1,000 ng/L
Sample size	15µL	210 μL (on-board) 10 μL (manual dilution)	30-100 μL	175 μL
Sample type	Capillary WB, venous blood, plasma	Plasma & serum (LiHep, K2 & K3 EDTA)	Capillary WB, venous WB & plasma (LiHep)	Venous WB & plasma (EDTA)
Time to Result	10 min	18 min (time to first result)	8 min	20 min



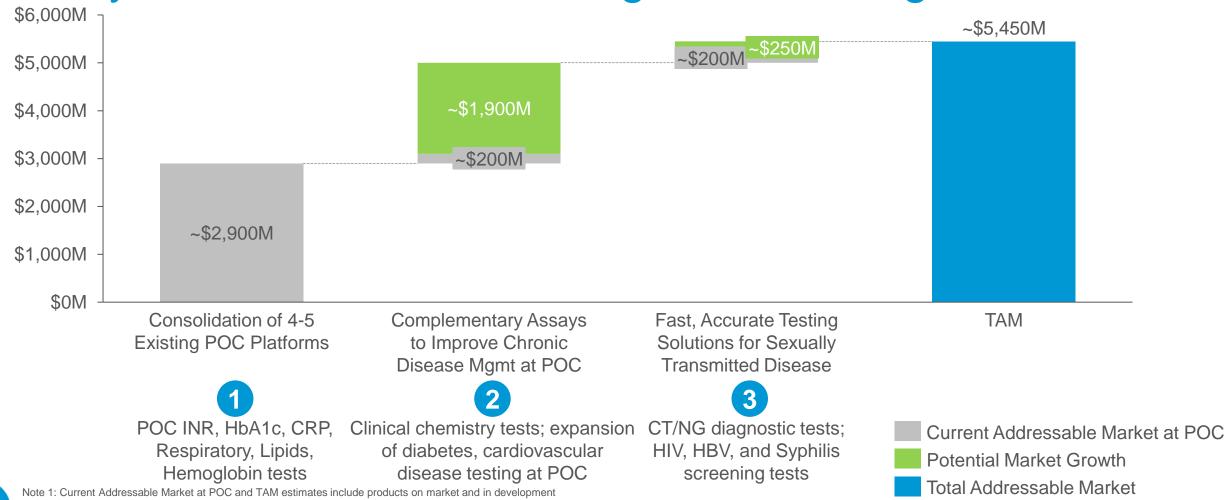
# Unmet Need for Fast, Accurate TB Test That Can Be Used at POC



	TRUE POC Product Needs	GeneXpert MTB/RIF	Cobas MTB
Technology	qSTAR	Real time PCR	Real time PCR
Reference	Molecular (Sputum)	Culture	Culture
Sensitivity	l Oral Swab: ≥90%	Raw Sputum & Sediment: 93.8% (n=468)	Raw Sputum: 94.9% (n=412) Sputum Sediment: 92.2% (n=437)
Specificity	Oral Swab: ≥95%	Raw Sputum & Sediment: 98.7% (n=628)	Raw Sputum: 98.2% (n=332) Sputum Sediment: 96.9% (n=393)
LOD (M Tuberculosis)	≤1000 CFU/mL	600 CFU/mL (raw sputum) 3,000 CFU/mL (sputum sediment)	7.6 CFU/mL (sputum/BAL sediment) 8.8 CFU/mL (raw sputum)
Time to results	<20 minutes	<2 hours	~8 hours
Sample types	Oral Swab (0.7mL)	Raw Sputum (1mL), Sputum Sediment (0.5mL)	Raw Sputum (0.4mL), Sputum Sediment or Bronchoalveolar lavage (0.2mL)



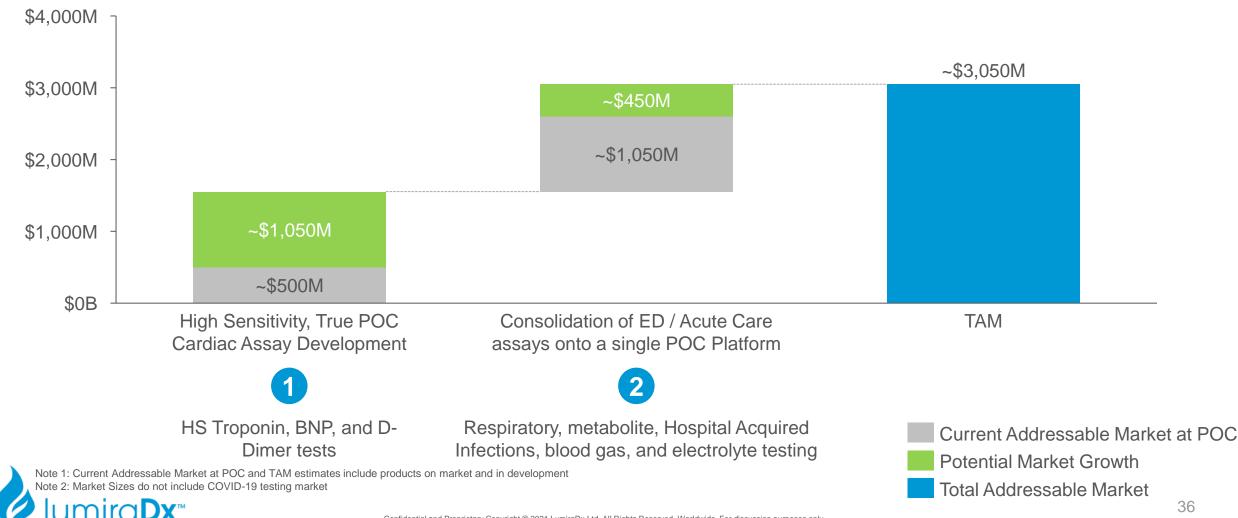
# Substantial Opportunity to Grow POC Testing in the Physician Office, Retail, Urgent Care Segments



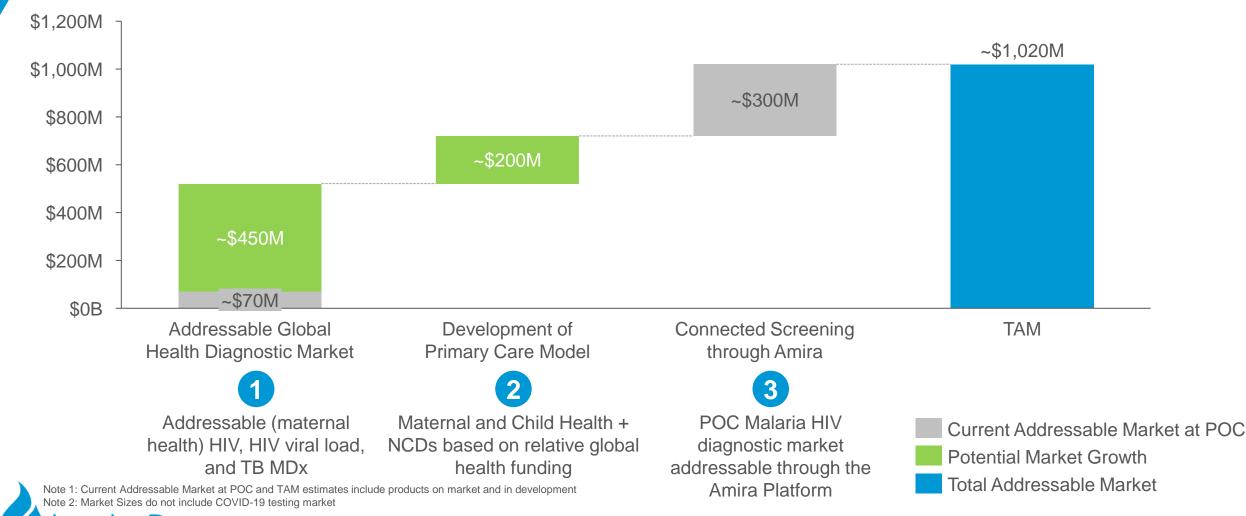
Note 2: Market Sizes do not include COVID-19 testing market



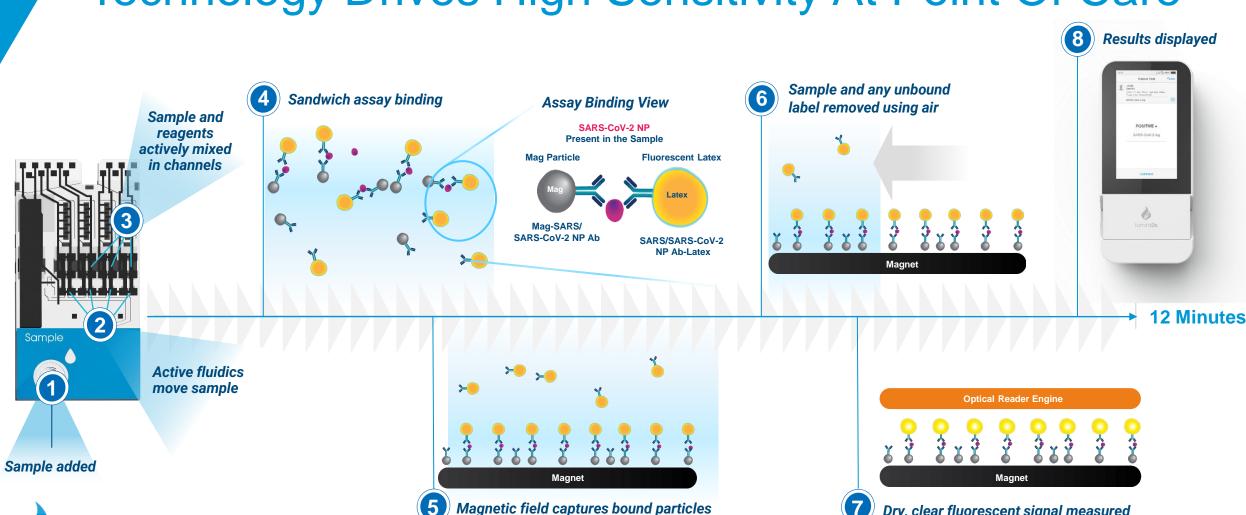
# Substantial Opportunity to Grow POC Testing in the Acute Care, Hospital ED Segments



# Substantial Opportunity to Grow POC Testing in Global Health Segment



# Next Gen, Microfluidic Immunofluorescence Technology Drives High Sensitivity At Point Of Care



Dry, clear fluorescent signal measured

# COVID-19 Antigen — LumiraDx Platform

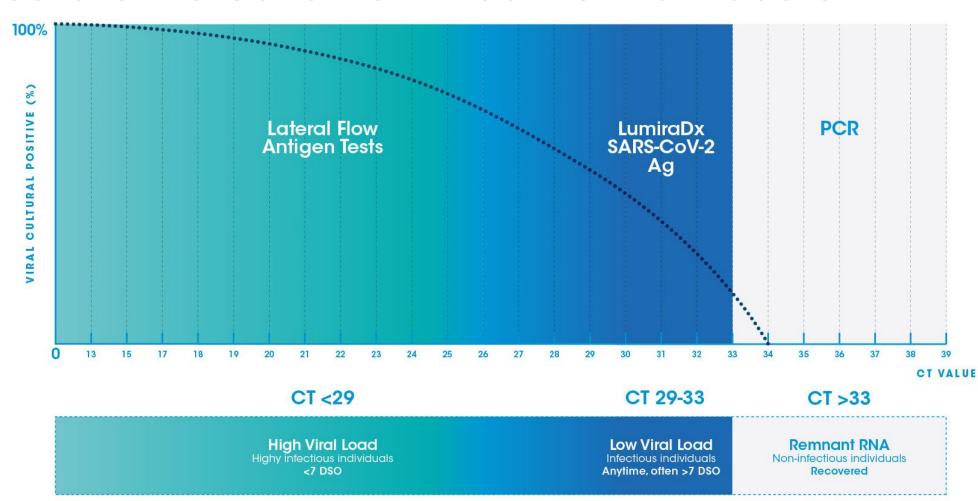
POC Competitive Landscape

	LumiraDx Ag	Quidel Sofia (1)	BD Veritor (1)	Abbott BinaxNOW (1)
Technology	Microfluidic Test Strip with Instrument	Lateral Flow with Reader	Lateral Flow with Reader	Lateral Flow
COV-2 Sensitivity	97.6%	96.7%	84.0%	84.6%
Confidence Interval	91.6 – 99.3%	83.3 – 99.4%	67.0 - 93.0%	76.8 – 90.6%
Intended Use Days Post Symptoms	12	5	5	7
Data Set	Nasal Swab – 83	Nasal Swab – 30	Nasal Swab – 31	Nasal Swab – 117
LOD	TCID <sub>50</sub> per mL Direct – 32	TCID <sub>50</sub> per mL Direct – 113	TCID <sub>50</sub> per mL Direct – 140	TCID <sub>50</sub> per mL Direct – 141
COV-2 Specificity	96.6%	100%	100%	98.5%
Time-to-Results	12 Minutes	15 Minutes	15 Minutes	15 Minutes
Sample Types	Nasal	Nasal, NP	Nasal	Nasal

Fastest, most sensitive antigen POC test currently commercially available



# High Sensitivity Up to Ct<33 Enables Fast, Accurate Detection of Infective Individuals





# The Incremental Sensitivity Has Public Health Impact



Lateral Flow Antigen Tests

LumiraDx SARS-CoV-2 Ag

PCR - Remnant RNA

- ~50% of COVID-19 patients measure Ct>25 and 30% measure Ct>30 on PCR and are potentially missed by antigen lateral flow tests<sup>1</sup>
- LumiraDx COVID-19 antigen test demonstrates high sensitivity at Ct<33</li>
  - 100% sensitivity at CT<33 in clinical studies</li>
  - 97.6% overall positive agreement with PCR for samples collected within 12 days from symptom onset (DSO)
  - 12 DSO is almost 2 times greater than any other antigen test
- LumiraDx COVID-19 antigen test can detect 10-30%\* of incremental cases, high coverage of all infective individuals



<sup>\*</sup>Based on company estimate

<sup>(1)</sup> Ct values differ by platform, and the distribution varies by population; these are some estimates based on literature.