

NeoGenomics

Investor Presentation



August 2021



Forward-Looking Statements

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Non-GAAP Adjusted EBITDA

"Adjusted EBITDA" is defined by NeoGenomics as net income from continuing operations before: (i) interest expense, (ii) tax expense, (iii) depreciation and amortization expense, (iv) non-cash stock-based compensation expense, and, if applicable in a reporting period, (v) acquisition and integration related expenses, (vi) non-cash impairments of intangible assets, (vii) and other significant non-recurring or non-operating (income) or expenses, including any debt financing costs.







One Lab. Vital Answers. Transforming Care for Cancer Patients

- Leading oncology diagnostic company with diversified, "One Lab" approach
- Strong competitive position with long history of market share gains
- Strategic multi-channel foothold in community oncology testing market
- Three synergistic operating divisions all with double digit growth profiles
- Inivata, our innovative liquid biopsy focused division with a best-in-class diagnostic platform
- World class culture drives high customer satisfaction and strong brand recognition
- Robust and expanding global oncology testing and information market





One Lab. Vital Answers.

Leading oncology diagnostics company, designed to provide innovative diagnostic and data solutions that bridge oncologists, pathologists, and therapeutic development

Clinical Services Division



- Leading oncology reference lab market share for oncologists, pathologists and hospitals
- Comprehensive oncology test menu including all major testing modalities
- Direct national commercial team of ~100 people
- A longstanding reputation for service and quality in the community oncology market

Pharma Services Division

- Leading provider of oncology-focused research and clinical trials services
- Comprehensive support from pre-clinical and research discovery through FDA filing, approval and launch
- Global footprint (U.S., Switzerland, Singapore, China)
- Approximately \$238MM⁽¹⁾ in backlog (signed contracts)

Informatics Division

- Formed in 2020 to utilize clinical testing data to address real world problems for Patients and other stakeholders
- Our information platform includes one of the largest cancer testing database, covering the complete spectrum of oncology testing modalities for over 1.6 million patients and growing



NOTE: 1. As of June 30, 2021

Inivata Review: One Leading Liquid Biopsy Platform with Multiple Applications



R&D Capabilities

Regulatory Capabilities

Reimbursement Capabilities







Oncology Testing Market Tailwinds

Estimated 6% to 8% annual market growth with upside potential

Demographics

- An aging population is resulting in higher cancer incidence
- Increased cancer survival rates leading to more follow-on testing

Precision Medicine & Drug Development

- Proliferation and complexity of therapeutic options driving more testing
- Burgeoning oncology drug pipeline underlying current Pharma Services demand and likely to drive demand for future clinical testing
- New platforms and tests (NGS, TMB, MSI, liquid biopsy, etc.) creating more test options for diagnosis, prognosis, and therapy selection

Upside Potential: Emerging Opportunities

- Promising minimal residual disease tests in development such as strategic partner Inivata's RaDaR assay could create a compelling recurrence monitoring opportunity
- We expect to develop a number of innovative value-add data offerings in our growing Informatics division





Market Tailwinds: Demographics

An aging population is leading to higher cancer incidence with new precision therapies allowing people to live longer with cancer





Source: National Cancer Institute



Market Tailwinds: Precision Medicine

2016

47

Oncology therapies with required or recommended biomarker testing

A dramatic increase in approved precision oncology medicines is **driving the need for associated biomarker testing**.

2012



10

Source: IQVIA Institute. June 2020

2007



Market Tailwinds: Drug Development Diagnostic testing is critical as additional drugs gain approval





Source: IQVIA Pipeline Intelligence, Dec 2018; IQVIA Institute, May 2019



We Look to Grow at Twice the Market Rate

Significant Company-Specific Growth Drivers





(1) Clinical Revenue presented net of bad debt expense to conform with ASC 606 presentation. Core clinical test count excludes non-core COVID-19 PCR tests.
(2) Base NEO Clinical includes organic clinical revenue and test volume growth and incorporates inorganic contributions from the 2015 acquisition of Clarient (closed Dec. 30th) and the 2018 acquisition of Genoptix (closed Dec. 10th). Base NEO Clinical excludes the impact from Pharma Services and PathLogic (divested on August 1st, 2017).





Our Focus Is The Community Setting We bring state-of-the-art oncology testing to the masses



NeoGenomics works with >4,400 hospitals, institutions and oncology offices, most in the community setting, to ensure all patients can benefit from high-quality diagnostic tests to support Precision Medicine





Comprehensive Oncology Test Menu

A low Beta approach to a massive high growth end market





A Differentiated Approach To NGS Testing



Multiple modalities and appropriate biomarkers leads to great care at a value





We Are Focused on The Customer Best-in-class net promoter score

Q4 2020 Clinical Client Survey

How likely is it that you would recommend this company to a friend or colleague?

Extremely likely Not at all likely Neutral 0 2 3 5 4 6 8 Passive Promoter Detractor 73% 7% 20% % Promoters - % Detractors = NPS (Net Promoter Score)



	Satisfaction Model	
Employee Engagement Employee Retention	Customer Satisfaction Client Retention >95%	Shareholder Satisfaction Achieve Results >Plan



NOTES: 1,055 respondents



Competing Through Focus, Scale and Scope

We enjoy a unique position in the clinical market



Clinical Reference Labs with Oncology Divisions

Diversified Focus





BioReference LABORATORIES an OPKO Health Company





Pure Play Oncology Diagnostic Lab Comprehensive Test Menu + Sustainable Growth

Leading Share in U.S. Clinical Oncology Market Comprehensive, multi-modality "One Lab" position Large and advanced somatic cancer test menu Significant reach into all customer segments National footprint and extensive payer contracts Outstanding client service and partnership models Synergistic Pharma, Clinical and Informatics businesses

Niche Oncology Players

High R&D investment and limited test menus





TEMPUS



EXACT SCIENCES





Our Ability to Profitably Innovate Enables Sustainable Growth

Three important growth areas in the business today were enabled by leveraging the power of our growing core clinical engine. These initiatives could represent nearly a third of 2021 revenues.







Rapidly Growing Pharma Services Business



The Company defines Dormant Projects as projects with no activity for 12 months or longer that have not officially been cancelled by the Sponsor



*Amount includes a contribution from acquired Inivata backlog



Uniquely Positioned: Pharma Services

Factors driving pharma services success in the oncology marketplace





*Amount includes a contribution from acquired Inivata backlog



Informatics

Patient-focused. Data driven.

Our information platform includes one of the **largest cancer testing databases**, covering the complete spectrum of oncology testing modalities for over 1.6 million patients.

>1.6M patients tested	5 years historical data	>4,400 clinical clients	>435k patients per year	>68k Unique active providers	~1M tests/year
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Informatics

Primary offerings today



Diagnostic lab alerts and commercial analytics



Clinical trial matching and provider outreach



Trapelo Health Clinical **Decision Support**





Three Operating Divisions That Are Increasingly Synergistic

Innovation and scale has made our three divisions increasingly synergistic over time **creating a flywheel effect**.







Leading Oncology Diagnostics Company

Guided By Science And Passion For Patient Care



We are a leader in the field of diagnostic testing with a significant share of patient test volume in the US



Our **extensive patient database** allows us to optimize the pairing of patients with clinical trials



We act as a collaborative partner to pathologists, oncologists and biopharma to deliver best-in-class services for all



We are oncology experts focused on developing foundational and innovative oncology laboratory diagnostic services



Our work is founded in science, driven by data, and upheld to the highest standards



By helping the community oncology field, we **improve lives**

When you invest in NeoGenomics, you invest in all of oncology



One Lab. Vital Answers.

Transforming Care for Cancer Patients.

Appendix





Experience and Scale Matter

Industry Leader in Oncology Diagnostics

>435,000 patients per year	~1 million cancer-related tests per year	>4,400 hospital, institution and oncology office clients
620+ cancer tests ready for order	>50,000 Clinical Next Gen Sequencing tests per year	336 Biomarker solid tumor discovery panel
26 targeted NeoTYPE [®] molecular/FISH/IHC panels	#1 lab in PD-L1 testing**	#1 lab in breast cancer testing*
>150 active pharma clients	>1,500 pharma projects completed to date	>120 MDs and PhDs



The Real Clinical Need for MRD Across Cancer Types Creates a ~\$15Bn+ Opportunity

More than 1.3mm new patients per year may be addressable by MRD across the top 10 solid tumors in the U.S.



Source: American Cancer Society – Facts & Figures 2021



MRD to gain more importance as tools to monitor response to therapies and recurrence, as cancers become more treatable or are viewed as chronic diseases.





RaDaR Review: Sensitivity Matters

RaDaR is Designed to Directly Address the Key Needs in the MRD Market



Sensitivity is the Key Differentiator

- Levels of ctDNA in the blood correlates with tumor volume / stage ٠
- Many ctDNA tests have difficulty detecting ctDNA in early-stage • disease
- Levels of ctDNA are further decreased by surgical excision or ٠ treatment
- MRD detection is very challenging ٠
- For recurrence detecting ctDNA levels will rise from very low ٠ levels:
 - Better sensitivity = earlier detection of relapse

RaDaR Maximizes Sensitivity

- Inherent high sensitivity of InVision platform vs competitor technology
- Very deep sequencing enables higher sensitivity ۲
- Personalized assay targeting 48 variants known to be present in • the cancer increases sensitivity
- Replicate analysis approach improves sensitivity and specificity ٠
- Analytics optimized to enhance detection •

RaDaR offers significantly increased sensitivity versus competitors, allowing better targeting of adjuvant Rx and earlier detection of relapse.





The RaDaR Assay Shows Excellent Sensitivity Published Data Cross Trial Comparisons

	RaDaR	Company A	Company B
Lung Cancer			
Study	LUCID, AACR 2020	TRACERx, Nature 2017	TRACERx, AACR 2020
Variants tracked	48	12 - 30	50 – 200
Cohort size	90 patients	96 patients	88 patients
Median lead time from ctDNA to clinical recurrence	203 days	70 days	136 days (for baseline+ cases)
Breast Cancer			
Study	Cutts et al, AACR 2021	Coombes et al, 2019	
Variants tracked	48	16	
Cohort size	22 patients	49 patients	
Median lead time from ctDNA to clinical recurrence (range)	12.89 months (3.72 – 26.04 months)	8.9 months (0.5 – 24.0 months)	

NOTE: Cross trial comparisons are of limited utility and introduce inherent uncertainty



Balance Sheet, June 30, 2021

(unaudited, in thousands)

	ne 30, 2021 (naudited)	December 31, 2020		
ASSETS				
Cash and cash equivalents	\$ 368,796	\$	228,713	
Marketable securities, at fair value	202,950		67,546	
Accounts receivable, net	106,284		106,843	
Inventories	21,384		29,526	
Prepaid assets	13,959		11,547	
Other current assets	 8,422		4,555	
Total current assets	721,795		448,730	
Property and equipment (net of accumulated depreciation of \$105,194 and \$92.895. respectively)	112,208		85,873	
Operating lease right-of-use assets	54,558		45,786	
Intangible assets, net	471,038		120,653	
Goodwill	499,977		211,083	
Restricted cash	4,103		21,919	
Investment in non-consolidated affiliate	_		29,555	
Prepaid lease asset	24,958		20,229	
Other assets	 7,674		4,503	
Total non-current assets	\$ 1,174,516	\$	539,601	
TOTAL ASSETS	\$ 1,896,311	\$	988,331	
LIABILITIES AND STOCKHOLDERS' EQUITY				
Accounts payable and other current liabilities	\$ 91,576	\$	65,375	
Current portion of equipment financing obligations	1,913		2,841	
Current portion of operating lease liabilities	5,642		4,967	
Total current liabilities	99,131		73,183	
Convertible senior notes, net	531,077		168,120	
Operating lease liabilities	49,624		42,296	
Deferred income tax liabilities, net	63,877		5,415	
Other long-term liabilities	 4,244		5,023	
Total long-term liabilities	 648,822		220,854	
TOTAL LIABILITIES	\$ 747,953	\$	294,037	
TOTAL STOCKHOLDERS EQUITY	\$ 1,148,358	\$	694,294	
	\$ 1,896,311	\$	988,331	



Income Statement, June 30, 2021

(unaudited, in thousands)

	Three Months Ended June 30,			Six Months Ended June 30,				
		2021		2020		2021		2020
NET REVENUE:								
Clinical Services	\$	101,405	\$	73,884	\$	197,892	\$	166,86
Pharma Services		20,319		13,093		39,365		26,14
Total revenue		121,724		86,977		237,257		193,00
COST OF REVENUE		68,734		58,971		142,693		118,63
GROSS PROFIT		52,990		28,006		94,564		74,37
Operating expenses:								
General and administrative		54,638		34,613		95,114		70,95
Research and development		3,495		2,105		5,951		4,16
Sales and marketing		17,224		10,195		30,973		23,45
Total operating expenses		75,357		46,913		132,038		98,57
LOSS FROM OPERATIONS		(22,367)		(18,907)		(37,474)		(24,20
Interest expense, net		902		1,548		2,079		2,36
Other income, net		(171)		(7,405)		(341)		(7,62
Gain on investment in and loan receivable from non- consolidated affiliate, net		(96,534)		_		(91,510)		-
Loss on extinguishment of debt		_		1,400		_		1,40
Loss on termination of cash flow hedge		_		3,506				3,50
Income (loss) before taxes		73,436		(17,956)		52,298		(23,84
Income tax benefit		(2,437)		(11,132)		(1,461)		(10,04
NET INCOME (LOSS)	\$	75,873	\$	(6,824)	\$	53,759	\$	(13,80
Adjustment to net income (loss) for convertible notes in diluted EPS ⁽⁵⁾								
NET INCOME (LOSS)		75,873		(6,824)		53,759		(13,80
Convertible note accretion, amortization, and interest, net of tax		1,552		_		2,997		-
NET INCOME (LOSS) USED IN DILUTED EPS	\$	77,425	\$	(6,824)	\$	56,756	\$	(13,80
NET INCOME (LOSS) PER SHARE								
Basic	\$	0.64	\$	(0.06)	\$	0.46	\$	(0.1
Diluted	\$	0.59	\$	(0.06)	\$	0.44	\$	(0.1
WEIGHTED AVERAGE COMMON SHARES OUTSTANDING								
Basic		118.287		107.887		117,249		106.20



Statements of Cash Flows, June 30, 2021

(unaudited, in thousands)

		Six Months I	nded June 30,		
		2021		2020	
CASH FLOWS FROM OPERATING ACTIVITIES					
Net income (loss)	\$	53,759	\$	(13,802	
Adjustments to reconcile net income (loss) to net cash provided by operating activities:					
Depreciation		13,629		12,17	
Amortization of intangibles		6,208		4,919	
Non-cash stock-based compensation		7,159		4,82	
Non-cash operating lease expense		3,750		4,11	
Gain on investment in and loan receivable from non-consolidated affiliate, net		(91,510)		_	
Amortization of convertible debt discount and debt issue costs		1,335		970	
Loss on debt extinguishment		_		1,400	
Loss on termination of cash flow hedge		—		3,506	
Write-off of COVID-19 PCR testing inventory and equipment		6,061		_	
Other non-cash items		400		26	
Changes in assets and liabilities, net		29		(23,424	
Net cash provided by (used in) operating activities		820		(5,05	
CASH FLOWS FROM INVESTING ACTIVITIES					
Purchases of marketable securities		(162,769)		_	
Proceeds from sales and maturities of marketable securities		26,253		-	
Purchases of property and equipment		(37,178)		(9,734	
Business acquisitions, net of cash acquired		(419,404)		(37,000	
Loan receivable from non-consolidated affiliate		(15,000)		_	
Investment in non-consolidated affiliate		_		(13,137	
Net cash used in investing activities		(608,098)		(59,871	
CASH FLOWS FROM FINANCING ACTIVITIES					
Repayment of equipment financing obligations		(1,892)		(3,059	
Repayment of term loan				(97,540	
Cash flow hedge termination		_		(3,31	
Issuance of common stock, net		8.045		5.46	
Proceeds from issuance of convertible debt, net of issuance costs		334,410		194,37	
Premiums paid for capped call confirmations		(29,291)			
Proceeds from equity offerings, net of issuance costs		418,273		127,28	
Net cash provided by financing activities		729,545		223,21	
Net change in cash, cash equivalents and restricted cash		122,267		158,29	
Cash, cash equivalents and restricted cash, beginning of period		250,632		173,01	
Cash, cash equivalents and restricted cash, end of period	\$	372,899	\$	331,31	
Reconciliation of cash, cash equivalents and restricted cash to the Consolidated Balance		572,055		551,51	
Sheets:					
Cash and cash equivalents	s	368,796	\$	295,28	
Restricted cash, non-current		4,103		36,030	
Total cash, cash equivalents and restricted cash	s	372,899	\$	331,31	



Segment Results, June 30, 2021

(unaudited, in thousands)

	Three M	Ionths Ended	June 30,	Six Months Ended June 30,					
	2021	2020	% Change	2021	2020	% Change			
Clinical Services:									
Revenue	\$101,405	\$ 73,884	37.2 %	\$197,892	\$166,866	18.6 %			
Cost of revenue ⁽¹⁷⁾	57,233	48,757	17.4 %	118,798	97,680	21.6 %			
Gross profit	\$ 44,172	\$ 25,127	75.8 %	\$ 79,094	\$ 69,186	14.3 %			
Gross profit margin	43.6%	34.0%		40.0%	41.5%				
Pharma Services:									
Revenue	\$ 20,319	\$ 13,093	55.2 %	\$ 39,365	\$ 26,141	50.6 %			
Cost of revenue	11,501	10,214	12.6 %	23,895	20,952	14.0 %			
Gross profit	\$ 8,818	\$ 2,879	206.3 %	\$ 15,470	\$ 5,189	198.1 %			
Gross profit margin	43.4%	22.0%		39.3%	19.9%				

(17) Clinical cost of revenue for the three months ended June 30, 2021 includes \$0.7 million amortization of acquired intangible assets. Clinical cost of revenue for the six months ended June 30, 2021 includes \$0.7 million amortization of acquired intangible assets and write-offs of \$5.3 million for COVID-19 PCR testing inventory.



Segment Results continued, June 30, 2021

(unaudited, in thousands)

	Three Months Ended June 30,					Six Months Ended June 30,				
	2	021		2020	% Change		2021		2020	% Change
Clinical ⁽¹⁸⁾ :										
Requisitions (cases) received	16	3,128	1	14,413	42.6 %	3	14,273	2	58,732	21.5 %
Number of tests performed	28	1,335	2	204,844	37.3 %	5	542,276	4	55,220	19.1 %
Average number of tests/requisitions		1.72		1.79	(3.9)%		1.73		1.76	(1.7)%
Average revenue/requisition	\$	622	\$	629	(1.1)%	\$	625	\$	637	(1.9)%
Average revenue/test	\$	360	\$	351	2.6 %	\$	362	\$	362	%
Average cost/requisition	\$	346	\$	414	(16.4)%	\$	350	\$	372	(5.9)%
Average cost/test	\$	201	\$	231	(13.0)%	\$	203	\$	211	(3.8)%

(18) Clinical tests exclude requisitions, tests, revenue and costs of revenue for Pharma Services, COVID-19 PCR tests and the amortization for acquired intangible assets.



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Adjusted EBITDA, June 30, 2021

(unaudited, in thousands)

	Three Months Ended June 30,				Six Months Ended June 30,				
		2021		2020		2021		2020	
Net income (loss) (GAAP)	\$	75,873	\$	(6,824)	\$	53,759	\$	(13,802)	
Adjustments to net income (loss):									
Interest expense, net		902		1,548		2,079		2,367	
Income tax benefit		(2,437)		(11,132)		(1,461)		(10,043)	
Amortization of intangibles		3,751		2,467		6,209		4,919	
Depreciation		6,949		5,937		13,629		12,177	
EBITDA (non-GAAP)	\$	85,038	\$	(8,004)	\$	74,215	\$	(4,382)	
Further adjustments to EBITDA:									
Acquisition and integration related expenses		10,998		110		11,812		1,406	
Write-off of COVID-19 PCR testing inventory and equipment				_		6,061			
New headquarters moving expenses		368		_		368			
Non-cash stock-based compensation expense		4,506		2,635		7,159		4,821	
Gain on investment in and loan receivable from non- consolidated affiliate, net		(96,534)		_		(91,510)		_	
Other significant non-recurring expenses (income), net ⁽⁶⁾		174		(1,965)		631		(1,996)	
Adjusted EBITDA (non-GAAP)	\$	4,550	\$	(7,224)	\$	8,736	\$	(151)	

(6) Other significant non-recurring expenses (income), net, includes CEO transition costs, reimbursements received related to the CARES Act, cash flow hedge termination fees, debt retirement fees, and other non-recurring items.

