CROSSTREE

BlueBook:

Diagnostics & Tools

December 2024



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December 2024

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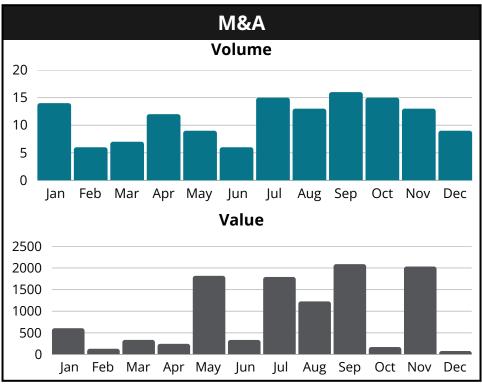


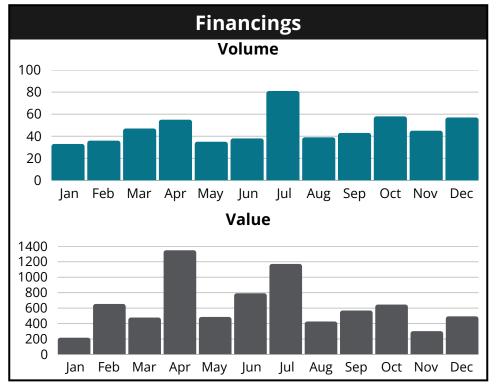
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Industry Overview







Count

1

1

1

4

State

CO

MA

MD

ΤN

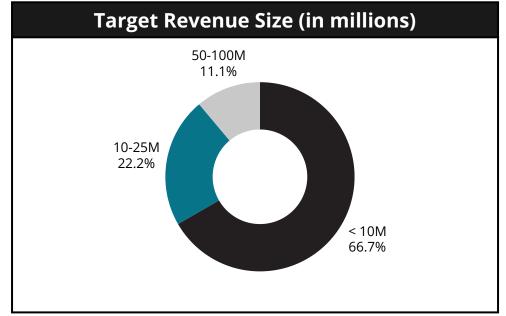
Total

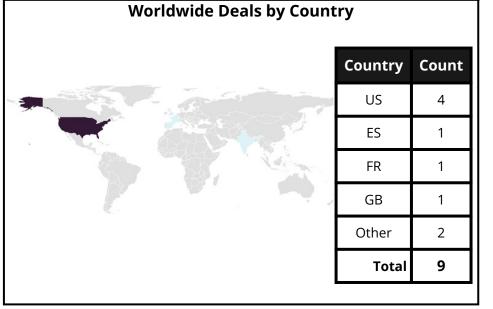
M&A Summary

Target Leaf Node Capabilities									
Target Capabilities	Deal Count	% Total	Related Revenue (in millions)						
Life Science Tools	6	37.6	20.4						
In Vitro	4	24.9	57						
Diagnostic Services	4	24.8	21						
Biometric Monitoring	1	6.2	5.2						
In Vivo Diagnostics	1	6.2	5.3						
Total	16	100	108.9						

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US Deals by State





Target Geographic Revenue

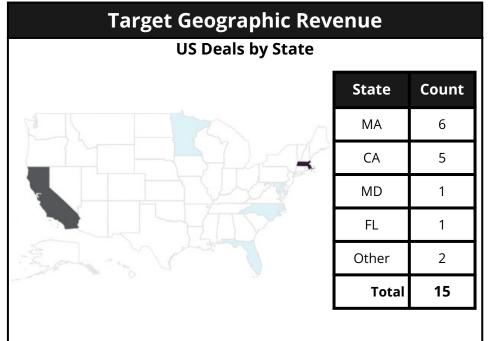
M&A Transactions

Date	Target	Acquirer	Target HQ	Relevant Target Capabilities	Revenue (in millions)	% of Relevant Revenue	Transaction Value
Dec 6 2024	CLINCAL LABORATORES'	Wildcat DX, LLC		• Diagnostic Services: Toxicology, Anatomic Pathology	12.6	100	NA
Dec 9 2024	X psomagen	Humanizing Genomics macrogen		• Diagnostic Services: Genetic Diagnostic Testing, Genomic Testing	8.4	100	9.48
Dec 10 2024	PRESCOTT'S, INC. Surgical Microscope Specialists	Morgan Stanley		Life Science Tools: Instrumentation	21.4	53	NA
Dec 11 2024	win medical	undisclosed		• Life Science Tools: Lab Equipment	2	20	NA
Dec 16 2024	Mylab° Discovery solutions	Rising Sun Holdings Pvt Ltd	③	• In Vitro: Molecular, Microbiology	54.8	100	12.48
Dec 17 2024	NEURO Metrix °	electroCore"		Biometric Monitoring: Wearable Devices	5.2	100	NA
Dec 18 2024	Especialidades Médicas <i>Myr</i>	≭ StatLab		 In Vitro: Histology & Cytology Life Science Tools: Lab Equipment, Instrumentation 	9.8	100	NA
Dec 19 2024	INTELLIGENT ULTRASOUND for smarter scarning	surgicalscience		• In Vivo Diagnostics: Imaging Devices	5.3	100	54.14
Dec 24 2024	Nano Bio Life	cichlid	**	 In Vitro: Molecular Life Science Tools: Lab Equipment, Instrumentation 	1	100	3.87

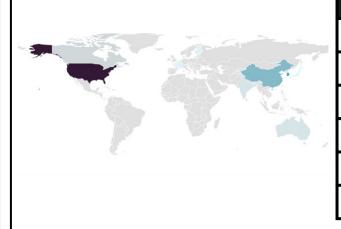
Financings Summary

Target Leaf Node Capabilities										
Target Capabilities	Deal Count	% Total	Related Revenue (in millions)							
Biobank Equipment	1	1.2	5.8							
Biometric Monitoring	9	10.9	30.6							
Bio-Specimens	3	3.7	45.4							
Consumables	10	12.2	138.2							
Diagnostic Services	8	9.6	98							
eCOA	1	1.2	1.2							
In Vitro	14	17	113.3							
In Vivo Diagnostics	10	12.2	82.3							
Life Science Tools	23	28	106.5							
Software Publishers	3	3.6	27.1							
Total	82	100	648.4							

Target Revenue Size (in millions) 50-100M 7% 10-25M 19.3% < 10M 70.2%



Worldwide Deals by Country



	Country	Count
	US	15
	KR	11
è	CN	10
	FR	4
	Other	17
	Total	57

Date	Target	Acquirer	Target HQ	Relevant Target Capabilities	Revenue (in millions)	% of Relevant Revenue	Transaction Value
Dec 2 2024	gemelli biotech	undisclosed		• In Vitro : Hematology & Coagulation	5.2	100	15.29
Dec 3 2024	MiCo BioMed	undisclosed	# * #	 In Vitro: Molecular Life Science Tools: Instrumentation Consumables: Reagents & Chemicals, Labware 	2	100	7.03
Dec 3 2024	LIOM	undisclosed	+	• Biometric Monitoring : Wearable Devices	12	100	NA
Dec 3 2024	MetaNovas 元星智药	Guangzhou Ruoyuchen Technology Co.,Ltd., Baoding Venture Capital, GL Ventures	*:	Life Science Tools: Lab Software	2.2	100	NA
Dec 3 2024	Sunflower	Clear Current Capital, LLC		• Life Sciences: Lab Equipment	5	52	3
Dec 3 2024	ÖŸŸĶĻ	West Elk Capital, LLC, Verve Capital Partners AG, Singular Labs		Diagnostic Services: Imaging DDx	3.4	47	11.56
Dec 3 2024	DiagnosTear	undisclosed	\$	• In Vitro: Molecular, Microbiology, Chemistry	6.2	100	0.071

Date	Target	Acquirer	Target HQ		Relevant Target Capabilities	Revenue (in millions)	% of Relevant Revenue	Transaction Value
Dec 4 2024	III NIGHTWARE	undisclosed		•	Biometric Monitoring: Biometric Monitoring Software, Wearable Devices	2.4	100	1.24
Dec 4 2024	CoolWind® 清风生化	undisclosed	*[:	•	Consumables: Imaging Consumables, Labware	15	100	NA
Dec 4 2024	CILcare	Sofilaro S.A.S., Central Vermont Medical Center Inc, Sud PME Croissance		•	Diagnostic Services: Toxicology	9.2	33	42.12
Dec 5 2024	Gleamer	undisclosed		•	In Vivo Diagnostics : Image Management Software	18	100	4.76
Dec 5 2024	LPIXEL	MRSO Inc.		•	In Vitro: Histology & Cytology	6.6	100	NA
Dec 5 2024	- ORCHARD HEALTHCARE	Accel Partners, General Catalyst Group Management 	•	•	Diagnostic Services: Toxicology, Clinical Pathology, Anatomic Pathology	82.8	100	11.99
Dec 8 2024	Ribo 瑞博	Rivercity Investment, Anhui Rende Chuanghe Investment Management Co., Ltd.	*)	•	In Vitro: Molecular	1	100	NA

Date	Target	Acquirer	Target HQ	Relevant Target Capabilities	Revenue (in millions)	% of Relevant Revenue	Transaction Value
Dec 9 2024	enplusone BIOSCIENCES	undisclosed		• Life Science Tools: Lab Software	3.8	100	NA
Dec 9 2024	XiLTRIX	undisclosed		Biobank Equipment: Alarms & Monitoring	5.8	100	2.11
Dec 9 2024	Rowan	Pillar Companies,Al Grant		• Life Science Tools: Lab Software	1.2	100	2.17
Dec 10 2024	111130	All About, Inc., Kiraboshi Consulting Co., Ltd, OKB Capital Co, Ltd		• In Vitro: Hematology & Coagulation	1	60	NA
Dec 11 2024	◆ / PORTAL	undisclosed		• Life Science Tools: Lab Equipment	6	100	NA
Dec 11 2024	SYNCELL	Taiwania Capital Management Corporation	*	• Life Science Tools: Lab Equipment, Instrumentation	6.8	100	15
Dec 11 2024	HLB Panagene	SBI Investment Korea Co., Ltd.	# # #	• In Vitro: Molecular	6.3	100	0.699

Date	Target	Acquirer	Target HQ		Relevant Target Capabilities	Revenue (in millions)	% of Relevant Revenue	Transaction Value
Dec 12 2024	Clear Labs	undisclosed			In Vitro: Microbiology Life Science Tools: Lab Equipment, Instrumentation	14.2	100	NA
Dec 12 2024		Deerfield Management Company, L.P. Series C,Foresite Capital Management LLC, Medical Excellence Capital LLC		•	Life Science Tools: Instrumentation	7.4	100	25
Dec 12 2024	MDHC LIFE TECHNOLOGIES	Guangzhou Funway Asset Management Co., Ltd.	*;	•	Consumables: Labware	22.6	100	NA
Dec 12 2024) DeepLife	Turenne Capital Partenaires, Blast SAS, Groupe Prunay – Société anonyme			Life Science Tools: Lab Software Bio-Specimens: Cells	5.4	100	10
Dec 12 2024	TASCOM'	undisclosed	# # #	•	In Vitro: Chemistry	1	100	0.909
Dec 16 2024	KEYPRIME RESEARCI Trustworthy, Creative, and Collaborative Besearch Institut	Biotoxtech Co., Ltd.		•	Life Science Tools: Lab Software	1	60	4.03

LLC, Meron Capital

CJ Cheiljedang

Corporation

% of Relevant **Target Relevant Target** Revenue **Transaction Acquirer Date Target Capabilities** (in millions) HO Revenue **Value** Beijing Cornerstone Capital Management • In Vivo Diagnostics: Dec 16 AINNOVI 愛诺撒 Co Ltd, Sunland 1 100 13.73 2024 **Imaging Devices** Capital, Tsingstone Capital ... Capital A Investment • In Vivo Diagnostics: Dec 16 Partners, Capital A 12.4 100 NA 2024 **Imaging Devices Investment Partners** Arch Venture Partners, L.P., M&G Investment • **Bio-Specimens:** Cells Dec 16 bit.bio 39.2 100 30 2024 Management Limited, **Tencent Holdings** Limited ... Sunland Capital, • In Vivo Diagnostics: Dec 16 XX AINNOVI Tsingstone Capital, 1 100 13.73 2024 **Imaging Devices** Lingyi Capital ... • Diagnostic Services: Dec 17 > DNALINK undisclosed Genetic Diagnostic Testing, 6.1 2.09 100 2024 **Genomic Testing JumpSpeed** Management Ltd., Life Science Tools: Lab Dec 17 *** neuro kcire 8.2 100 10 2024 GreyBird Ventures, Software

Revenue*: Estimated revenue is provided by industryGENOME(TM) using a proprietary algorithm that includes capabilities, estimated and disclosed employee count, and other publicly available data sources.

Software

• Life Science Tools: Lab

6.9

49

RIOSCIENCE

Dec 17

2024

27.85

Date	Target	Acquirer	Target HQ	Relevant Target Capabilities	Revenue (in millions)	% of Relevant Revenue	Transaction Value
Dec 17 2024	AXIAL3D	Innovation Ulster Ltd, Investment Arm, Clarendon Fund Managers Limited, 57 Stars LLC		• In Vivo Diagnostics: Image Management Software	12	100	18.2
Dec 18 2024	Corsmed	Luminar Ventures AB, Big Pi Ventures Sarl	-	• In Vivo Diagnostics: Image Management Software	4	100	3.5
Dec 19 2024	Personalis	Merck Sharp & Dohme LLC		• In Vitro: Molecular	32	50	50
Dec 19 2024	> C DNALINK	Joosung Sea & Air Co. Ltd	# * #	• Diagnostic Services: Genetic Diagnostic Testing, Genomic Testing	6.1	100	6.92
Dec 19 2024	SYNTHGENE	Granite Asia, Yuan- sheng Suzhou Industrial Park Venture Capital Management Co., Ltd.,Yixing Jieyi Investment Management Co	*;	 Life Science Tools: Instrumentation Consumables: Reagents & Chemicals 	70.2	100	NA

Date	Target	Acquirer	Target HQ	Relevant Target Capabilities	Revenue (in millions)	% of Relevant Revenue	Transaction Value
Dec 19 2024	*/PORTAL	IA Ventures, Pear Ventures Management, LLC,Page One Ventures Management		• Life Science Tools: Lab Equipment	6	100	7
Dec 19 2024	Dimed	Sinowisdom Capital, Suzhou Kaifeng Zhengde Investment Management Co., Ltd.	**	 Life Science Tools: Lab Software Consumables: Reagents & Chemicals 	1	100	NA
Dec 19 2024	NEW WAVE BIOTECH	undisclosed		• Life Science Tools: Lab Software	1.2	100	NA
Dec 20 2024	PLAURUS Bio	Eight Roads Ventures,Impresa Management LLC	•	• Consumables: Reagents & Chemicals	74.8	100	14.12
Dec 20 2024	FIREFLY	Helena Special Opportunities LLC	*	• In Vivo Diagnostics: Biometric DDx	2.1	100	2.04
Dec 23 2024	CRAIF	undisclosed		• In Vitro: Molecular	1	100	NA

Date	Target	Acquirer	Target HQ		Revenue (in millions)	% of Relevant Revenue	Transaction Value
Dec 24 2024	VUUO	undisclosed		• In Vivo Diagnostics: Image Management Software	10.3	100	16.28
Dec 24 2024	₩ KOLON BIOTECH	Kolon Life Science Inc.	# O #	• Life Sciences: Cells	14.8	24	2.06
Dec 24 2024	(少) WearOptimo	Aspen Medical Pty Limited	* ·	Biometric Monitoring: Sensors, Biometric Monitoring Software, Clinical Biometrics, Wearable Devices	4.2	100	8
Dec 24 2024	S Proton Intelligence	Ten Mile Management, SOSV Investments LLC,15th Rock Ventures LLP,LongeVC	*	Biometric Monitoring: Wearable Devices	3.8	37	6.95
Dec 25 2024	深睿医疗 olcepwise	Guoxin Yangqi Operation Investment Fund Management Co., Ltd., AstraZeneca CICC Medical Industry Fund, Tianjin Rongping Enterprise Management Partnership	*:	• In Vivo Diagnostics: Image Management Software	11	100	NA

Date	Target	Acquirer	Target HQ	Relevant Target Capabilities	Revenue (in millions)	% of Relevant Revenue	Transaction Value
Dec 26 2024	enplúsone BIOSCIENCES	undisclosed		• Life Science Tools: Lab Software	3.8	100	12.9
Dec 27 2024	MiCo BioMed	undisclosed		 In Vitro: Molecular Life Science Tools: Instrumentation Consumables: Reagents & Chemicals, Labware 	2	100	6.8
Dec 30 2024	R(P Remote Care Partners	undisclosed		 Biometric Monitoring: Wearable Devices 	7.8	51	NA
Dec 30 2024	Cognidon	undisclosed		 Biometric Monitoring: Wearable Devices 	5.8	100	5.54
Dec 30 2024	PRECIGEN	undisclosed		• Life Science Tools: Lab Software	12.7	100	79

Date	Target	Acquirer	Target Relevant Target HQ Capabilities		Revenue (in millions)	% of Relevant Revenue	Transaction Value
Dec 30 2024	reforgene	Guangzhou Financial Innovation Investment Holding Co., Ltd., Guangzhou Industrial Investment and Capital Operation Holding Group Ltd., Guangzhou Finance Holdings Group Co.,Ltd.	7	• In Vitro: Hematology & Coagulation	70.2	100	NA
Dec 31 2024	Dentbird Solutions	LB Investment Inc., Kyobo Securities Co.,Ltd., Industrial Bank of Korea		In Vivo Diagnostics: Image Management Software	9.4	100	NA

Segment	Total Market Cap	EV / LTM	EV / FTM Revenue	EV / LTM EBITDA	EV / FRM EBITDA		ice mance
5-5cr	(in billions)	Revenue				LTM	YTD
Clinical & Anatomic Pathology							
King Med DIAGNOSTICS NEBARB WASSINS Tests you can trust DOJO							
₩ Dr Lal Path Labs METROP©LIS	35.36	3.8x	3.4x	3.8x	14.6x	12%	12%
H.U.GROUP Quest Diagnostics* SONIC HEALTHCARE labcor	rp						
Specialized Testing							
Adaptive CareDx CASTLE EXOGE	en°						
EXACT SCIENCES • GUARDANT md×health Dx&Vx Gene[□ 47.13	4.1x	3.9x	4.1x	37.4x	83%	83%
Myriad ♣ natera	IOMICS						
Imaging							
alliança RadNet.	5.75	2.4x	2.5x	2.4x	14.4x	121%	121%
Molecular Genetic							
Dx&Vx AmoyDx BIOCARTIS Genomictree QIAGEN							
Hybribio Sansure & Seegene Tellgen	15.65	4.0x	4.5x	4.0x	15.4x	2%	2%

	Segm	nent		Total Market Cap	EV / LTM Revenue	EV / FTM Revenue	EV / LTM	EV / FRM EBITDA	Pri Perfor	
	368.1			(in billions)			EBITDA		LTM	YTD
Histology &	Cytology									
				0.22	3.0x	NM	3.0x	NM	-33%	-33%
Infectious I	Disease & Micr	obiology								
९ Sansure ₹	ACCELERATE DIAGNOSTICS	. QuidelO	rtho" BIOMÉRIEUX	17.45	4.3x	4.2x	4.3x	14.8x	-8%	-8%
Clinical Chemistry & Immunodiagnostics										
ON TOPA	AbClon	Autobio	Hotgen							
LEADMAN	九强生物	W WANTAI	bolitech .							
Diasorin	וחצום	Getein Biotech, Inc.	BioPerfectus	97.58	6.0x	6.0x 6.2x	6.0x	23.9x	-5%	-5%
Medical System	KHB KEMUA BIOTECH	maccura	ll/ondfo							
	SIEMENS Healthineers	Snibe								
Hematolog	y & Coagulatio	on								
SUC	CCEEDER 🤍	sysmex		11.92	4.0x	3.8x	4.0x	13.1x	1%	1%

Segment	Total Market Cap	EV / LTM Revenue	EV / FTM Revenue	EV / LTM EBITDA	EV / FRM EBITDA	Pri Perfor	
Segment	(in billions)					LTM	YTD
Diabetes							
Lifotronic Senseonics. — Caring for 8 ofter Life —	1.19	9.8x	7.3x	9.8x	12.2x	-39%	-39%
Diversified							
BIORAD ELLANDSTICS	9.8	2.4x	2.4x	2.4x	12.7x	2%	2%
Large Diversified							
Agilent COVITY ThermoFisher	250.94	5.8x	5.5x	5.8x	19.2x	-2%	-2%
Analytical & Research Instrumentation							
10米 GENOMICS wayeal 統文 Biotage BRUKE	R						
STANDARD BIOTOOLS BIOTOOLS CARREST ON THE BIOTOCH ON T		4.1x	3.9x	4.1x	20.0x	11%	11%
METTLER TOLEDO PACBIO® Waters™							

Segment	Total Market Cap	EV / LTM Revenue	EV / FTM Revenue	EV / LTM EBITDA	EV / FRM EBITDA	Price Performance	
	(in billions)					LTM	YTD
Reagents & Consumables							
Adaptive QIAGEN (Vavantor™ NKMAX							
BIONEER biotechne BOROSIL Celectis	FF F7	C 2v	4.0	C 2v	22.7	440/	110/
Genscript BIOFIL PORTON REPLIGEN	55.57	6.2x	4.8x	6.2x	22.7x	-11%	-11%
T. W. I. S. T. Vitrolife PART OF VITROLIFE GROUP							
Lab Automation							
BICO SARTORIUS STRATECOO OTECAN.	17.31	2.9x	2.8x	2.9x	15.2x	-41%	-41%
Informatics & Technology							
PRECIGEN Schrödinger SimulationsPlus	2.29	30.2x	16.3x	30.2x	18.2x	-46%	-46%
Imaging Software							
■ 4DMedical **	0.12	45.8x	13.3x	45.8x	NM	-39%	-39%

Segment	Total Market Cap	EV / LTM Revenue	EV / FTM Revenue	EV / LTM EBITDA	EV / FTM EBITDA	Price Performance	
ocgc	(in billions)					LTM	YTD
Imaging Technology							
SIEMENS Detection Technology RegTechnology Kromek safer and healthler work		7.3x	4.1x	7.3x	12.3x	-7%	-7%
NANOX RAYCO SonoScape Unlocking Life's Potential WARE	ΞX N G						
Media & Consumables							
Guerbet │ !!!	0.35	0.8x	0.8x	0.8x	5.2x	29%	29%
Monitoring							
CONTEC™ TRANSTEK — We inspire · We Deliver —	4.09	47.	2 Ov	4.7%	20 Ov	120/	120/
TaiDoc ST RY 司太立制约	4.98	4.7x	3.0x	4.7x	38.8x	13%	13%
Overview Performance							
TOTAL MKT CAP/MEDIAN MULTIPLES & AVG SHARE PRICE	720.63	5.9x	4.7x	5.9x	19.8x	-13%	-13%
S&P PERFORMANCE						23.3%	24.0%