

Part 1 of 4	illumina info@illumina.com San Diego, CA 858-202-4500 www.illumina.com	illumina info@illumina.com San Diego, CA 858-202-4500 www.illumina.com	illumina info@illumina.com San Diego, CA 858-202-4500 www.illumina.com
Name of system System application/FDA cleared or approved Country where designed/Manufactured First year sold in U.S./First year installed in U.S. System sold internationally	MiSeq Dx in vitro diagnostic and research use/yes U.S./U.S. 2013/2013 yes (worldwide)	MiSeq i100 research use/not required U.S./Singapore 2025/2025 yes (worldwide)	MiSeq i100 Plus research use/not required U.S./Singapore 2024/2024 yes (worldwide)
Dimensions of sequencer (H × W × D)/Footprint of sequencer Accessory equipment supplied with sequencer at no cost Type of computer supplied with sequencer Analysis options provided with sequencer Where library preparation is performed Bioinformatics tools provided with sequencer	20.6 × 27 × 22.2 in./4.2 sq. ft. — computer for analysis and operations combined onboard, cloud based wet bench Local Run Manager, MiSeq Reporter, BaseSpace Sequence Hub	25.6 × 15.8 × 17.6 in./1.9 sq. ft. — computer for analysis and operations combined onboard, cloud based wet bench DRAGEN Bio-IT, BaseSpace Sequence Hub, Illumina Connected Analytics	25.6 × 15.8 × 17.6 in./1.9 sq. ft. — computer for analysis and operations combined onboard, cloud based wet bench DRAGEN Bio-IT, BaseSpace Sequence Hub, Illumina Connected Analytics
Sequencer supplied with UPS (uninterruptible power supply) Electrical connection required for sequencer	yes (extra charge) 100–240 VAC at 50/60 Hz, 10 A, 400 W	no 100–240 at VAC 50/60 Hz, 300 W, single phase	no 100–240 at VAC 50/60 Hz, 300 W, single phase
List price of entire sequencer and necessary components Purchase options Warranties offered Training included/Total time for basic training per operator Training location/Follow-up training available	\$125,000 purchase, lease, reagent rental first year included with purchase; extended warranty available yes/<1 day at customer site/yes (extra charge)	\$49,900 purchase, lease, reagent rental — no/2 days at vendor office or customer site/yes (extra charge)	\$109,900 purchase — no/2 days at vendor office or customer site/yes (extra charge)
Maximum No. of samples amplified in a single amplification event Read length/Percent bases >Q30 Paired-end capability/Tag lengths/Spans Fragment/Tag lengths/Spans Mate pair/Tag lengths/Spans Single end/Tag lengths/Spans RNA sequencing/Tag lengths/Spans ChIP sequencing/Tag lengths/Spans Bisulfite sequencing/Tag lengths/Spans	384 samples up to 2 × 300 bp/80% (for 2 × 150 bp) yes/up to 2 × 300 bp/up to 550 bp yes/up to 2 × 300 bp/up to 550 bp yes/up to 2 × 150 bp/2–12 kb yes/up to 1 × 300 bp/up to 300 bp yes/up to 2 × 300 bp/up to 550 bp yes/up to 2 × 300 bp/up to 550 bp yes/up to 2 × 300 bp/up to 550 bp	384 samples up to 2 × 300 bp/85% (for 2 × 300 bp) yes/up to 2 × 500 bp/950 bp yes/up to 2 × 300 bp/— yes/up to 2 × 150 bp/— yes/up to 1 × 300 bp/— yes/up to 2 × 300 bp/— yes/up to 2 × 300 bp/— yes/up to 2 × 300 bp/—	384 samples up to 2 × 300 bp/85% (for 2 × 300 bp) yes/up to 2 × 500 bp/950 bp yes/up to 2 × 300 bp/— yes/up to 2 × 150 bp/— yes/up to 1 × 300 bp/— yes/up to 2 × 300 bp/— yes/up to 2 × 300 bp/— yes/up to 2 × 300 bp/—
Maximum No. of reads or fragments sequenced per single-end run Maximum No. of reads or fragments sequenced per paired-end run Total No. of nucleotides (bases) sequenced per run Wet lab bench time for sequencing preparation Sequencing run time	>15 million >30 million up to 7.5 Gb 10 minutes <28 hours	25 million 50 million 25 Gb 10 minutes ~4–24 hours	100 million 200 million 30 Gb 10 minutes ~4–24 hours
Total time for generating standard gDNA library	<3.5 hours (with Illumina DNA Prep)	<3.5 hours (with Illumina DNA Prep)	<3.5 hours (with Illumina DNA Prep)
• Paired end	<3.5 hours (with Illumina DNA Prep)	<3.5 hours (with Illumina DNA Prep)	<3.5 hours (with Illumina DNA Prep)
• Fragment	<7 hours (with AmpliSeq for Illumina); <6.5 hours with Illumina DNA Prep with Enrichment)	<7 hours (with AmpliSeq for Illumina); <6.5 hours with Illumina DNA Prep with Enrichment)	<7 hours (with AmpliSeq for Illumina); <6.5 hours (with Illumina DNA Prep with Enrichment)
• Mate pair	—	—	—
• Single end	<1 day (with TruSeq Small RNA)	<1 day (with TruSeq Small RNA)	<1 day (with TruSeq Small RNA)
• RNA sequencing	<9 hours	<9 hours	<9 hours
• ChIP sequencing	<1.5 days (with TruSeq ChIP)	<1.5 days (with TruSeq ChIP)	<1.5 days (with TruSeq ChIP)
• Bisulfite sequencing	—	—	—
Hands-on time for the following:			
• Paired end	<1.5 hours (with Illumina DNA Prep)	<1.5 hours (with Illumina DNA Prep)	<1.5 hours (with Illumina DNA Prep)
• Fragment	<1.5 hours (with AmpliSeq for Illumina); <2 hours (with Illumina DNA Prep with Enrichment)	<1.5 hours (with AmpliSeq for Illumina); <2 hours (with Illumina DNA Prep with Enrichment)	<1.5 hours (with AmpliSeq for Illumina); <2 hours (with Illumina DNA Prep with Enrichment)
• Mate pair	—	—	—
• Single end	<4 hours (with TruSeq Small RNA)	<4 hours (with TruSeq Small RNA)	<4 hours (with TruSeq Small RNA)
• RNA sequencing	<3 hours	<3 hours	<3 hours
• ChIP sequencing	—	—	—
• Bisulfite sequencing	—	—	—
Library preparation integrated in system as standard offering Library preparation offered separately for additional charge	no yes	no yes	no yes
Cost of sequencing reagents per run Reagent tracking method • Type of reagent information tracked Shipping conditions for amplification/sequencing reagents Storage conditions for amplification/sequencing reagents	\$2,440 RFID serial No., expiration date, lot and part Nos., No. of cycles box 1: dry ice; box 2: gel pack/box 1: dry ice; box 2: gel pack box 1: -15°–-25°C; box 2: 2°–8°C/box 1: -15°–-25°C; box 2: 2°–8°C	\$420–\$1,700 RFID serial No., expiration date, lot and part Nos., No. of cycles room temperature/room temperature room temperature/room temperature	\$420–\$1,700 RFID serial No., expiration date, lot and part Nos., No. of cycles room temperature/room temperature room temperature/room temperature
Shelf life of amplification/sequencing reagents System requires a control sample on sequencing run • Company offers a sequencing control Sequencing system control software and devices to start run/ for data analysis	guaranteed 6 months/guaranteed 6 months optional yes (additional charge) MiSeq Control Manager/Local Run Manager, MiSeq Reporter, BaseSpace Sequence Hub	guaranteed 3 months/guaranteed 3 months optional yes (additional charge) MiSeq i100 Control Software/BaseSpace Sequence Hub, DRAGEN secondary analysis	guaranteed 3 months/guaranteed 3 months optional yes (additional charge) MiSeq i100 Control Software/BaseSpace Sequence Hub, DRAGEN secondary analysis
Complete walkaway automation for amplification, sequencing, and variant calling	yes	yes	yes
Remote system monitoring Total time required for setup of amplification, sequencing, and variant calling steps	yes 10 minutes	yes 10 minutes	yes 10 minutes
Maximum No. of libraries sequenced in a single run	384 samples (>384 samples with custom barcodes)	384 samples	384 samples
System includes secondary data-analysis software developed by company System includes post-sequencing data-analysis software	yes (MiSeq Reporter, Local Run Manager, BaseSpace Sequence Hub) yes (MiSeq Reporter, Local Run Manager, BaseSpace Sequence Hub)	yes (DRAGEN, BaseSpace Sequence Hub) yes (DRAGEN)	yes (DRAGEN, BaseSpace Sequence Hub) yes (DRAGEN)
Mutations detectable via data-analysis software System can generate a variant report	substitutions, indels, copy number changes yes	substitutions, indels, copy number changes yes	substitutions, indels, copy number changes yes
Types of maintenance plans available/mean time between failures No. of field application scientists and engineers based in U.S. Maintenance required:	parts only, bronze, silver, gold, Dx, dedicated on-site/— >500 none (manual wash if instrument idle for 7 days) maintenance wash none (post-run wash after every run)	parts only, bronze, silver, gold, Dx, dedicated on-site/— >500 none none none	parts only, bronze, silver, gold, Dx, dedicated on-site/— >500 none none none
Distinguishing features of NGS system (supplied by company)	• FDA-regulated NGS platform allows clinical diagnostics in Dx mode and clinical research applications in research mode • FDA-regulated content includes MiSeqDx cystic fibrosis 139-variant assay, MiSeqDx cystic fibrosis clinical sequencing assay • leverages proven MiSeq technology	• room temperature shipping and storage of sequencing consumables • automated onboard flow-cell denaturation, onboard cluster generation, no post-run washing • simplified data analysis with access to preconfigured DRAGEN pipelines onboard or in the cloud, minimizing the need for bioinformatics expertise	• room temperature shipping and storage of sequencing consumables • automated onboard flow-cell denaturation, onboard cluster generation, no post-run washing • simplified data analysis with access to preconfigured DRAGEN pipelines onboard or in the cloud, minimizing the need for bioinformatics expertise
<i>Note: a dash in lieu of an answer means company did not answer question or question is not applicable</i>			

Part 3 of 4	Illumina info@illumina.com San Diego, CA 858-202-4500 www.illumina.com	Illumina info@illumina.com San Diego, CA 858-202-4500 www.illumina.com	Thermo Fisher Scientific customercare@thermofisher.com Carlsbad, CA 800-955-6288 www.thermofisher.com/genestudio
Name of system System application/FDA cleared or approved Country where designed/Manufactured First year sold in U.S./First year installed in U.S. System sold internationally	NovaSeq 6000Dx in vitro diagnostic and research use/yes U.S./U.S. 2022/2022 yes (worldwide)	NovaSeq X; NovaSeq X Plus research use/not required U.S./U.S. 2022/2023 yes (worldwide)	Ion GeneStudio S5 System research use/not required U.S./Singapore 2018/2018 yes (worldwide)
Dimensions of sequencer (H × W × D)/Footprint of sequencer Accessory equipment supplied with sequencer at no cost Type of computer supplied with sequencer Analysis options provided with sequencer Where library preparation is performed Bioinformatics tools provided with sequencer	65.2 × 31.5 × 37.2 in./8.2 sq. ft. Illumina DRAGEN server for NovaSeq 6000Dx computer for analysis and operations combined onboard, cluster based, cloud based wet bench DRAGEN Bio-IT platform, Illumina Run Manager, BaseSpace Sequence Hub yes (no extra charge) 200–240 VAC at 50/60 Hz, 16 A, single phase, 2500 W	62.5 × 34 × 36.7 in./8.7 sq. ft. — computer for analysis and operations combined onboard, cluster based, cloud based wet bench DRAGEN Bio-IT platform, Illumina Run Manager, BaseSpace Sequence Hub yes (no extra charge) 200–240 VAC at 50/60 Hz	62.5 × 34.0 × 36.7 in./8.7 sq. ft. — operating computer onboard, cloud based, local server accessory equipment Torrent Suite (optional: Ion Reporter, Oncomine Reporter)
Sequencer supplied with UPS (uninterruptible power supply) Electrical connection required for sequencer	yes 200–240 VAC at 50/60 Hz, 16 A, single phase, 2500 W	no 200–240 VAC at 50/60 Hz	no 100–240 VAC at 50/60 Hz, 6.5–14.5 A
List price of entire sequencer and necessary components Purchase options Warranties offered Training included/Total time for basic training per operator Training location/Follow-up training available	\$850,000 purchase, lease, reagent rental first year included with purchase; extended warranty available yes/2 days at customer site/yes (extra charge)	NovaSeq X: \$985,000; NovaSeq X Plus: \$1,250,000 purchase, trade in, lease, reagent rental first year included with purchase; extended warranty available yes/2 days at customer site/yes (extra charge)	— purchase, trade in, lease, finance first year included with purchase; extended warranty available yes/1 day at customer site/yes (extra charge)
Maximum No. of samples amplified in a single amplification event Read length/Percent bases >Q30	384 samples (>384 samples with custom barcodes) 1 × 35–2 × 250 bp/90% (1 × 35 bp, 2 × 50 bp); 85% (2 × 200 bp, 2 × 150 bp); 75% (2 × 250 bp)	384 samples (>384 samples with custom barcodes) up to 2 × 300 bp/85–90%	384 samples (>384 samples with custom barcodes) up to 600 bp/—
Paired-end capability/Tag lengths/Spans	yes/up to 2 × 250 bp/up to 550 bp	yes/up to 2 × 300 bp/—	—
Fragment/Tag lengths/Spans	yes/up to 2 × 250 bp/up to 550 bp	yes/2 × 150 bp/—	yes/—/up to 600 bp
Mate pair/Tag lengths/Spans	yes/up to 2 × 250 bp/2–12 kb	yes/2 × 150 bp/—	—
Single end/Tag lengths/Spans	yes/up to 1 × 300 bp/up to 350 bp	yes/2 × 150 bp/—	yes/—/up to 400 bp
RNA sequencing/Tag lengths/Spans	yes/up to 2 × 250 bp/up to 500 bp	yes/2 × 150 bp/—	yes/—/up to 400 bp
ChIP sequencing/Tag lengths/Spans	yes/up to 2 × 250 bp/up to 550 bp	yes/2 × 150 bp/—	—
Bisulfite sequencing/Tag lengths/Spans	yes/up to 2 × 250 bp/up to 550 bp	yes/2 × 150 bp/—	yes/—/up to 400 bp
Maximum No. of reads or fragments sequenced per single-end run	up to 20 billion	~52–70 billion	2–130 million
Maximum No. of reads or fragments sequenced per paired-end run	up to 40 billion	~104–140 billion	—
Total No. of nucleotides (bases) sequenced per run	up to 6,000 Gb per run, 3,000 Gb per flow cell	~8,000–21,000 Gb	20–25 Gb (Ion 550); 10–15 Gb (Ion 540); 3–4 Gb (Ion 530); 0.6–1 Gb (Ion 520); 0.3–0.5 Gb (Ion 510 chip)
Wet lab bench time for sequencing preparation	10 minutes	10 minutes	<45 minutes
Sequencing run time	<45 hours	~13–48 hours	2.5–4 hours
Total time for generating standard gDNA library	<3.5 hours (with Illumina DNA Prep)	<3.5 hours (with Illumina DNA Prep)	—
• Paired end	<3.5 hours (with Illumina DNA Prep)	<3.5 hours (with Illumina DNA Prep)	—
• Fragment	<7 hours (with AmpliSeq for Illumina); <6.5 hours (with Illumina DNA Prep with Enrichment)	<7 hours (with AmpliSeq for Illumina); <6.5 hours (with Illumina DNA Prep with Enrichment)	4–6 hours
• Mate pair	—	—	—
• Single end	<1 day (with TruSeq Small RNA)	<1 day (with TruSeq Small RNA)	5–7 hours
• RNA sequencing	<9 hours	<9 hours	<6 hours
• ChIP sequencing	<1.5 days (with TruSeq ChIP)	<1.5 days (with TruSeq ChIP)	—
• Bisulfite sequencing	—	—	5.5 hours
Hands-on time for the following:			
• Paired end	<1.5 hours (with Illumina DNA Prep)	<1.5 hours (with Illumina DNA Prep)	—
• Fragment	<1.5 hours (with AmpliSeq for Illumina); <2 hours (with Illumina DNA Prep with Enrichment)	<1.5 hours (with AmpliSeq for Illumina); <2 hours (with Illumina DNA Prep with Enrichment)	1 hour
• Mate pair	—	—	<1 hour
• Single end	<4 hours (with TruSeq Small RNA)	<4 hours (with TruSeq Small RNA)	15 minutes
• RNA sequencing	<3 hours	<3 hours	1 hour (with Ion AmpliSeq Transcriptome)
• ChIP sequencing	—	—	—
• Bisulfite sequencing	—	—	30 minutes
Library preparation integrated in system as standard offering	no	no	no (performed on Ion Chef)
Library preparation offered separately for additional charge	yes	yes	yes (Ion AmpliSeq kit for Chef DL8)
Cost of sequencing reagents per run	\$2,490–\$17,324	\$2,006–\$16,892	—
Reagent tracking method	RFID	RFID	RFID
• Type of reagent information tracked	serial No., expiration date, lot and part Nos., No. of cycles	serial No., expiration date, lot and part Nos., No. of cycles	expiration date, lot and part Nos.
Shipping conditions for amplification/sequencing reagents	—/dry ice, gel pack, ambient (variable based on product)	—/ambient	-20°C, 4°C, ambient (variable based on product)/ -20°C, 4°C, ambient (variable based on product)
Storage conditions for amplification/sequencing reagents	—/cluster, SBS cartridges: -15°– -25°C; flow cell: 2°– 8°C; buffer cartridge: 15°– 30°C	—/reagent cartridge, preload buffer, lyo insert: -15°– -25°C; flow cell: 2°–8°C; library tube strip, buffer cartridge: 15°– 30°C	-20°C, 4°C, ambient (variable based on product)/ -20°C, 4°C, ambient (variable based on product)
Shelf life of amplification/sequencing reagents	—/up to 24 months	—/guaranteed 3 months	12–36 months from manufacture date (variable based on product)/12–36 months from manufacture date (variable based on product)
System requires a control sample on sequencing run	optional	optional	optional
• Company offers a sequencing control	yes (additional charge)	yes (additional charge)	yes (additional charge)
Sequencing system control software and devices to start run/ for data analysis	—/BaseSpace Sequence Hub, DRAGEN	NovaSeq X, X Plus Control Software/BaseSpace Sequence Hub, DRAGEN	Torrent Suite/Ion Reporter
Complete walkaway automation for amplification, sequencing, and variant calling	yes	yes	no (walkaway automation for sequencing, variant calling)
Remote system monitoring	yes	yes	—
Total time required for setup of amplification, sequencing, and variant calling steps	5–30 minutes	5–30 minutes	<30 minutes
Maximum No. of libraries sequenced in a single run	384 samples (>384 samples with custom barcodes)	384 samples (>384 samples with custom barcodes)	384 samples
System includes secondary data-analysis software developed by company	yes (Illumina Run Manager)	yes (DRAGEN, BaseSpace Sequence Hub)	yes (Torrent Suite, Ion Reporter)
System includes post-sequencing data-analysis software	yes (Illumina Run Manager)	yes (DRAGEN)	yes (Torrent Suite, Ion Reporter)
Mutations detectable via data-analysis software	substitutions, indels, copy number changes	substitutions, indels, copy number changes	substitutions, indels, copy number changes
System can generate a variant report	yes	yes	yes
Types of maintenance plans available/mean time between failures	gold, silver, bronze/—	parts only, bronze, silver, gold, dedicated on-site/—	AB Assurance/—
No. of field application scientists and engineers based in U.S.	>500	>500	450
Maintenance required:			
• Weekly	none (maintenance wash every 2 weeks)	none (maintenance wash every 2 weeks)	—
• Monthly	—	none	—
• Pre-run	—	none	—
Distinguishing features of NGS system (supplied by company)	• more samples and deeper sequencing from diagnostic testing to clinical research; flexible RUO and IVD modes with scalable sequencing power • accurate, efficient data analysis; high-quality data with a paired, dedicated DRAGEN server • reduce time to answer; reimagined user interface with a simple workflow	• automated onboard cluster generation and secondary anlaysis with DRAGEN • ambient shipping of sequencing consumables • configurable sequencing method, flow-cell type, and read length to support a broad range of applications	• scalable, flexible, end-to-end NGS solution from library to report with turnaround time of <24 hours and <45 minutes of hands-on time • start with as little as 1 ng of input DNA or RNA • flexible sequencing depth and sample number throughput
<i>Note: a dash in lieu of an answer means company did not answer question or question is not applicable</i>			

Part 4 of 4	Thermo Fisher Scientific customercare@thermofisher.com Carlsbad, CA www.thermofisher.com/genexus 800-955-6288 www.thermofisher.com/genusdx
Name of system	Ion Torrent Genexus Integrated Sequencer; Ion Torrent Genexus Dx Integrated Sequencer
System application/FDA cleared or approved	Genexus: research use; Genexus Dx: in vitro diagnostic and research use/not required
Country where designed/Manufactured	U.S./Singapore
First year sold in U.S./First year installed in U.S.	Genexus: 2019/2019; Genexus Dx: 2025/2025
System sold internationally	Genexus: yes (worldwide); Genexus Dx: yes (multiple countries)
Dimensions of sequencer (H × W × D)/Footprint of sequencer	open: 81.1 × 58.5 × 43.5 in.; closed: 66.1 × 41.9 × 32.1 in./open: 17.67 sq. ft.; closed: 9.36 sq. ft.
Accessory equipment supplied with sequencer at no cost	none
Type of computer supplied with sequencer	computer for analysis
Analysis options provided with sequencer	onboard, cloud based
Where library preparation is performed	sequencer
Bioinformatics tools provided with sequencer	Ion Torrent Genexus Software (optional: Oncomine Reporter)
Sequencer supplied with UPS (uninterruptible power supply)	no
Electrical connection required for sequencer	100–240 VAC
List price of entire sequencer and necessary components	—
Purchase options	purchase, trade in, lease, reagent rental, finance
Warranties offered	first year included with purchase; extended warranty avail.
Training included/Total time for basic training per operator	yes/2 days
Training location/Follow-up training available	at customer site/yes (extra charge)
Maximum No. of samples amplified in a single amplification event	48 samples on system, 96 samples off instr. (for library prep)
Read length/Percent bases >Q30	up to 400 bp/—
Paired-end capability/Tag lengths/Spans	—
Fragment/Tag lengths/Spans	—
Mate pair/Tag lengths/Spans	—
Single end/Tag lengths/Spans	yes/—/up to 400 bp
RNA sequencing/Tag lengths/Spans	—
ChIP sequencing/Tag lengths/Spans	—
Bisulfite sequencing/Tag lengths/Spans	—
Maximum No. of reads or fragments sequenced per single-end run	48–60 million at 200–400 bp (GX5, GX5 Dx); 80–100 million at 200 bp (GX7)
Maximum No. of reads or fragments sequenced per paired-end run	—
Total No. of nucleotides (bases) sequenced per run	9.6–12 Gb at 200 bp (GX5, GX5 Dx); 16–20 Gb at 200 bp (GX7)
Wet lab bench time for sequencing preparation	10 minutes
Sequencing run time	19–24 hours (includes automated library prep)
Total time for generating standard gDNA library	—
• Paired end	—
• Fragment	—
• Mate pair	—
• Single end	—
• RNA sequencing	—
• ChIP sequencing	—
• Bisulfite sequencing	—
Hands-on time for the following:	—
• Paired end	—
• Fragment	—
• Mate pair	—
• Single end	—
• RNA sequencing	—
• ChIP sequencing	—
• Bisulfite sequencing	—
Library preparation integrated in system as standard offering	yes (AmpliSeq, AmpliSeq HD)
Library preparation offered separately for additional charge	no
Cost of sequencing reagents per run	—
Reagent tracking method	RFID, barcode reader
• Type of reagent information tracked	expiration date, lot and part Nos., placement
Shipping conditions for amplification/sequencing reagents	-20°C, 4°C, ambient (variable based on product)/-20°C, 4°C, ambient (variable based on product)
Storage conditions for amplification/sequencing reagents	-20°C, 4°C, ambient (variable based on product)/-20°C, 4°C, ambient (variable based on product)
Shelf life of amplification/sequencing reagents	12–36 months from manufacture date (variable based on product)/12–36 months from manufacture date (variable based on product)
System requires a control sample on sequencing run	optional
• Company offers a sequencing control	yes (additional charge)
Sequencing system control software and devices to start run/for data analysis	Ion Torrent Genexus Software/Genexus Software, Oncomine Reporter
Complete walkaway automation for amplification, sequencing, and variant calling	yes
Remote system monitoring	yes
Total time required for setup of amplification, sequencing, and variant calling steps	10 minutes
Maximum No. of libraries sequenced in a single run	48 samples or 96 libraries
System includes secondary data-analysis software developed by company	yes (Ion Reporter, Oncomine Reporter)
System includes post-sequencing data-analysis software	yes (Genexus: Genexus Software, Oncomine Reporter; Genexus Dx: Genexus Dx Software, Oncomine Reporter)
Mutations detectable via data-analysis software	substitutions, indels, copy number changes, fusions
System can generate a variant report	yes
Types of maintenance plans available/mean time between failures	AB Assurance, AB Platinum NGS (Dx plans also avail.)/—
No. of field application scientists and engineers based in U.S.	450
Maintenance required:	
• Weekly	none
• Monthly	none
• Pre-run	none
Distinguishing features of NGS system (supplied by company)	• Dx sequencer is a CE-IVD-marked, FDA-listed class II IVD medical device; walkaway automation of NGS workflow, incl. library prep, sequencing, analysis, reporting • start with as little as 1 ng of input DNA or RNA • scalable plug-and-play reagent architecture allows for cost-efficient sequencing of small and large batches
<i>Note: a dash in lieu of an answer means company did not answer question or question is not applicable</i>	

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POC panel talks diabetes care, data management, CGM

Autoimmune Diagnostics

autoA

3x ROI

coding by CodeMap

autoA

3x ROI

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