

# Ion S5 And Ion S5 XL Systems Resourcefetechnologies

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### Ion S5 And Ion S5

#### **Ion S5 and Ion S5 XL Systems - Thermo Fisher Scientific**

The Ion S5™ and Ion S5™ XL Systems provide the simplest DNA-to-data workflow for targeted sequencing with industry-leading speed and affordability This allows you to spend less time doing repetitive lab work, and more time answering the critical questions in your research Want to sequence small gene panels or

#### **I on S5 and Ion S5 XL Systems - Thermo Fisher Scientific**

The Ion S5 and Ion S5 XL Systems come with load-and-go reagents and a straightforward user interface, so you can set up the sequencer in less than 15 minutes of hands-on time You can also track your consumables with ease and accuracy with the automated radio frequency identification (RFID) tracking feature of the systems

#### **Ion S5 and Ion S5 XL Systems - Thermo Fisher Scientific**

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#### **Ion S5 And Ion S5 XL Systems Resourcefetechnologies**

Ion S5™ and Ion S5™ XL Instrument User Guide 11 To enable full support, the Torrent Server must have outbound internet access (ports 22, 80, and 443) and be behind an appropriately configured firewall While not recommended, you can enable access to the Torrent Browser (the web server running Ion S5 and Ion S5 XL Systems - Thermo Fisher

#### **Ion S5 and Ion S5 XL Systems - resource.lifetechnologies.com**

CO37349-Ion-S5-S5-XL-Brochure-Americas.indd 9 8/24/15 11:44 AM 10 The S is for Ion S5 systems Ion S5 System Ion S5 XL System Simple workflow for panels, microbes, exomes, and transcriptomes Simple, rapid workflow for panels, microbes, exomes, and transcriptomes Ion 520 Chip Ion 530 Chip Ion 540 Chip Ion 520 Chip Ion 530

### **Ion S5 And Ion S5 XL Systems Resourcefetechnologies**

PDF Ion S5 And Ion S5 XL Systems Resourcefetechnologies simplest targeted sequencing workflow for your lab with industry-leading speed and affordability gene-plus - Ion S5 and Ion S5 XL Next-Generation In a nutshell, the Ion S5™ and Ion S5™XL offer the simplest NGS workflow for targeted sequencing, the fastest run time, the lowest capital investment and

### **Ion Torrent S5 and Ion Torrent S5 XL Instrument User Guide ...**

The Ion Torrent S5™ and Ion Torrent S5™ XL Instrument User Guide (Pub no MAN0010811) provides reference information for using the Ion Torrent S5™ or Ion Torrent S5™ XL Sequencer's (Cat nos A27211 and A27213) Ion Torrent S5™ and Ion Torrent S5™ XL Instrument User Guide 5  
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### **Ion S5 and Ion S5 XL System Site Preparation Guide (Pub ...**

After the Ion S5™ or Ion S5™ XL System (Cat nos A27211 or A27213 ) is uncrated, installation and testing of the Ion S5™ Sequencer or Ion S5™ XL Sequencer and Torrent Server (required for use with the Ion S5™ XL Sequencer) takes ~8 hrs The Ion Chef™ Instrument or Ion OneTouch™ 2 Instrument plus Ion OneTouch™ ES

### **Introducing the Ion GeneStudio S5 series for next ...**

The Ion GeneStudio™ S5 series is a new line of benchtop next-generation sequencing (NGS) systems that enable you to efficiently run small and large projects across multiple research applications, with the simplest sample-to-data NGS workflow and superior speed With flexibility powered

### **SPECIFICATION SHEET Ion GeneStudio S5 series I on ...**

Ion GeneStudio S5 System Ion GeneStudio S5 Plus System Ion GeneStudio S5 Prime System Compatible chips Ion 510, 520, 530, and 540 Chips Ion 510, 520, 530, 540, and 550 Chips Dimensions (W x D x H) 542 x 806 x 509 cm Weight 635 kg Power 100-240 VAC, 50/60 Hz, 65-145 A

### **Comparison of Illumina MiSeq and the Ion Torrent PGM and ...**

Similarly, the Ion Torrent 72 technology is available in several models, producing data outputs from 30 megabases 73 (Mb) to 25 Gb per chip The Ion Torrent PGM, and newer systems (Ion Torrent S5, S5 74 XL, and GeneStudio S5, S5 Plus and S5 Prime) are also commonly used for microbial 75 targeted-amplicon and whole-genome sequencing (8, 11-13)

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Ion S5 And Ion S5 The Ion S5 and Ion S5 XL Systems come with load-and-go reagents and a straightforward user interface, so you can set up the sequencer in less than 15 minutes of hands-on time You can also track your consumables with ease and accuracy with the automated radio frequency identification (RFID)

### **Ion Chef & S5 Sequencing Systems (RUO)**

Ion OneTouch ES, 120V ION-OT120 Ion Chip™ Minifuge, 120V ION-M120 Reagents Template Prep Runs Cat No Ion S5/IA/530 Reagents Kit Manual 8 IONS5-IA-530 Ion 520™ & Ion 530™ ExT Kit - Chef Ion Chef 4 IONCHEF-EXT Ion 530 Chip kit 4 IONS5-530C4 \*A single free-standing tower computer appliance, included with the purchase of the Ion S5 XL System

### **Targeted Sequencing for All on Ion GeneStudio™ S5 ...**

Ion GeneStudio™ S5 Series Ion GeneStudio™ S5 Ion GeneStudio™ S5 Plus Ion GeneStudio™ S5 Prime Ion 510™ Chip 2-3 M reads Up to 400 bp  
 Ion 520™ Chip 3-6 M reads Up to 600 bp Up to 200 Ion 530™ Chip 15-20 M reads Up to 600 bp Ion 540™ Chip 60-80 M reads Up to 200 bp Ion  
 550™ Chip 100-130 M reads bp Fast Flexible Powerful

### **Democratizing Sequencing with Ion S5™ Sequencers ...**

S5/S5 XL 200bp Analysis Time Ion S5™ XL System 200bp Analysis Time Ion S5™ System Output Reads Maximum Read Length Ion 530™ Chip 25  
 hr ~25 hr ~8 hr 3-5 Gb 15-20 M 400bp Ion 540™ Chip 25 hr ~5 hr ~165 hr 10-15 Gb 60-80 M 200bp Ion 520™ Chip 25 hr ~1 hr ~5 hr 1-2 Gb 3-5 M  
 400bp 5M to 80M reads Ion S5™ XL System Ion S5™ System

### **Ion S5 And Ion S5 Xl Systems Resourcefetechnologies**

The Ion S5 and Ion S5 XL sequencers, along with the Ion Chef System, offer reproducible sequencing workflows, with minimal hands-on time Choose  
 to pair the Ion 510 & Ion 520 & Ion 530 Kit with the Ion 510 Chip Kit (up to 3 million reads per chip), the Ion 520 Chip Kit (up to 5 million reads per  
 chip), or Ion 530 Chip Kit (up to 20 million

### **Performance Evaluation of LymphoTrack® Clonality Assays on ...**

•The Ion S5™ can produce 2x to 5x more reads with less hands-on time than the Ion PGM™ •With the LymphoTrack® Dx Assays, the same reagents  
 and workflow can be utilized for subject Ig/TCR clonality testing and for tracking of clonal populations The LymphoTrack ...

### **Ion S5 And Ion S5 Xl Systems Resourcefetechnologies**

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