

PRODUCTS

# MiSeq Reagent Kit v3

Optimized reagent kit that provides increased cluster density and read length, improving sequencing quality scores compared to earlier versions.

## MiSeq System specification sheet

Data sheet | PDF < 1 MB | 9 versions



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## Overview

MiSeq Reagent Kits v3 enable the highest output of all MiSeq kits. The v3 kits retain the same pre-filled, ready-to-use reagent cartridges as the v1 and v2 kits, but offer improvements to enable increased cluster density and read length, as well as higher Q30 scores. The v3 kits offer:

- High-quality sequencing and a broader range of sequencing applications on the MiSeq System

- Double the amount of output per **flow cell** and an increase in read lengths

- An increase in the number of single and paired-end reads to support a wide range of applications

- Radio-frequency identification (RFID)-encoded consumables to ensure reagent traceability and compatibility

Updated system software unlocks the full benefits of the v3 kits. **Access the latest software.**

This product is also available as an Illumina Advantage (TG) product. Illumina Advantage large-scale sequencing products feature lot-specific shipments and testing, extended shelf life, and advanced change notifications for greater laboratory efficiency.



## Specifications

### Instruments

MiSeq System, MiSeqDx in Research Mode

### Maximum output

15 Gb (600-cycle), 3.8 Gb (150-cycle)

### Maximum reads per run

Up to 25M

### Nucleic acid type

DNA, RNA

### Reagent type

Paired-end sequencing, Cluster generation, Sequencing by synthesis

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## FAQs

What is a MiSeq flow cell?



What is the difference between MiSeq v2 and v3 reagents?



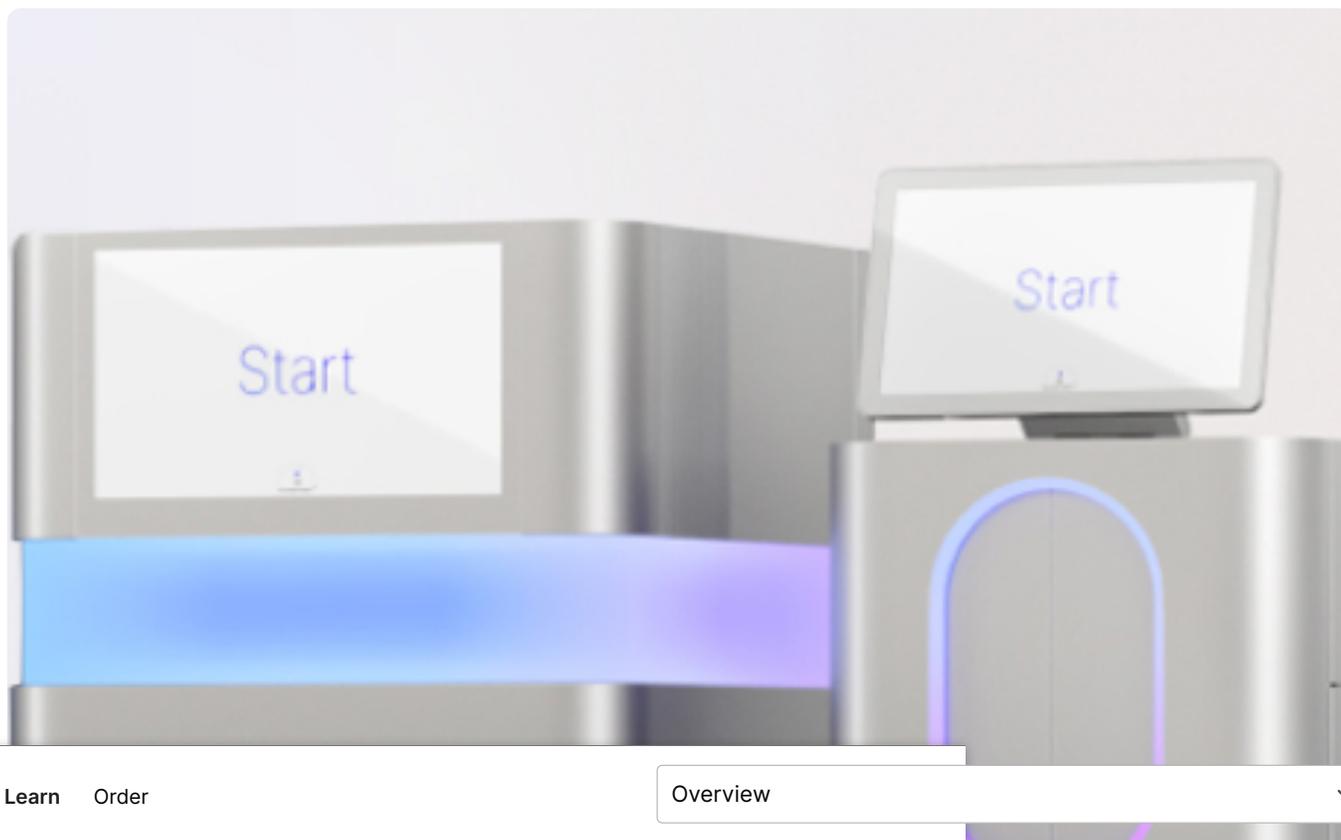
How many samples can you load in one run using MiSeq Reagent Kit v3?



Are MiSeq v3 kits compatible with all Illumina sample prep kits?



How long does a MiSeq v3 run take?





## Speak with a specialist

If you currently own a MiSeq System, you may be eligible for a promotion on one of the following instruments: MiSeq i100 Plus System, NextSeq 1000 System, or NextSeq 2000 System\*. Experience a simpler workflow with dry instrumentation, easier run set up, expanded output, and faster secondary analysis. Complete this form to contact a sales representative and see if you are eligible.

\* These promotional programs are available for a limited time. Terms and conditions apply.

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Advanced chemistry, optics, and informatics combine to deliver exceptional sequencing speed and data quality, outstanding throughput, and scalability.



### MiSeq Reagent Kit

Optimized reagent kit that improves sequencing quality score

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For Research Use Only

Not for use in diagnostic procedures (except as specifically noted). **Get in touch**

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