







表 2: TruSight One Sequencing Panel 的性能表现<sup>a</sup>

| Sequencing Kit                          | Reads Passing Filter (M) | Read Length (bp) | Output (Gb) | Samples per Run | % Targets Covered at 12x Minimum | % Targets Covered at 20x Minimum |
|---|--------------------------|------------------|-------------|-----------------|----------------------------------|----------------------------------|
| MiniSeq Reagent Kit                     | 22–25                    | 2 × 150          | 7.5         | 3               | 97                               | 95                               |
| MiSeq Reagent Kit v3                    | 22–25                    | 2 × 150          | 7.5         | 3               | 97                               | 95                               |
| NextSeq Mid Output Kit                  | 132                      | 2 × 150          | 40          | 12              | 98                               | 97                               |
| HiSeq Rapid Run Mode (single flow cell) | up to 300                | 2 × 150          | 90          | 36              | 97                               | 95                               |
| HiSeq Rapid Run Mode (dual flow cell)   | up to 600                | 2 × 150          | 180         | 72              | 97                               | 95                               |

a. Performance is reported for samples with > 50% enrichment. For the MiSeq system, this targets 1,200–1,400 K/mm<sup>2</sup> raw read density.

## 结语

TruSight One Sequencing Panel，辅以附带的 VariantStudio 数据分析软件，带来的是一个无缝的流程。利用这一全面的组合，实验室可快速对 4,800 多个与临床表型相关的基因进行测序。然后，通过 VariantStudio 筛选数据可创建子组合，满足客户需求，并推动科学认识的进展。

## 了解更多

如欲获得 TruSight One Sequencing Panel 的更多信息，请访问 [www.illumina.com/trusightone](http://www.illumina.com/trusightone)。

## 订购信息

| Product                                    | Catalog No. | TG Catalog No. <sup>a</sup> |
|--|-------------|-----------------------------|
| TruSight One Sequencing Panel (9 samples)  | FC-141-1006 | TG-141-1006                 |
| TruSight One Sequencing Panel (36 samples) | FC-141-1007 | TG-141-1007                 |

a. TG-labeled consumables include features intended to help customers reduce the frequency of revalidation. They are available only under supply agreement and require customers to provide a binding forecast. Contact your account manager for more information.

## 参考文献

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