

# TruSight™ One Combo Order Quantities

Targeted library preparation kits focused on genetic disease research.

## TruSight One + Nextera™ Flex Enrichment + NextSeq™ Mid-Output (32 samples with a maximum 12 samples/flowcell)

Illumina recommends the following kit quantities to best utilize TruSight One enrichment panel with Nextera Flex Enrichment library prep and NextSeq Mid-Output reagents.

Product	Part Number	Quantity
TruSight One Expanded – Enrichment Oligos only (6 Enrichment Reactions)	20029227	1
Nextera DNA Flex Pre-Enrichment Library Prep Reagents (16 samples)	20025519	1
Nextera DNA Flex Pre-Enrichment Library Prep and Enrichment Reagents 16 samples (16, 1-plex enrichment reactions)	20025523	1
NextSeq 500/550 Mid Output Kit v2.5 (300 Cycles)	20024905	3
IDT® for Illumina Nextera DNA Unique Dual Indexes	20027213 or 20027214 or 20027215 or 20027216	1

## TruSight One + Nextera Flex Enrichment + NextSeq High-Output (32 samples with a maximum 36 samples/flowcell)

Illumina recommends the following kit quantities to best utilize TruSight One enrichment panel with Nextera Flex Enrichment library prep and NextSeq High-Output reagents.

Product	Part Number	Quantity
TruSight One Expanded – Enrichment Oligos only (6 Enrichment Reactions)	20029227	1
Nextera DNA Flex Pre-Enrichment Library Prep Reagents (16 samples)	20025519	1
Nextera DNA Flex Pre-Enrichment Library Prep and Enrichment Reagents 16 samples (16, 1-plex enrichment reactions)	20025523	1
NextSeq 500/550 High Output Kit v2.5 (300 Cycles)	20024908	1
IDT for Illumina Nextera DNA Unique Dual Indexes	20027213 or 20027214 or 20027215 or 20027216	1

## TruSight One Expanded + Nextera Flex Enrichment + NextSeq Mid-Output (32 samples with a maximum 7 samples/flowcell)

Illumina recommends the following kit quantities to best utilize TruSight One Expanded enrichment panel with Nextera Flex Enrichment library prep and NextSeq Mid-Output reagents.

Product	Part Number	Quantity
TruSight One Expanded – Enrichment Oligos only (6 Enrichment Reactions)	20029227	1
Nextera DNA Flex Pre-Enrichment Library Prep Reagents (16 samples)	20025519	1
Nextera DNA Flex Pre-Enrichment Library Prep and Enrichment Reagents 16 samples (16, 1-plex enrichment reactions)	20025523	1
NextSeq 500/550 Mid Output Kit v2.5 (300 Cycles)	20024905	5
IDT for Illumina Nextera DNA Unique Dual Indexes	20027213 or 20027214 or 20027215 or 20027216	1

## TruSight One Expanded + Nextera Flex Enrichment + NextSeq High-Output (48 samples with a maximum 24 samples/flowcell)

Illumina recommends the following kit quantities to best utilize TruSight One Expanded enrichment panel with Nextera Flex Enrichment library prep and NextSeq High-Output reagents.

Product	Part Number	Quantity
TruSight One Expanded – Enrichment Oligos only (6 Enrichment Reactions)	20029226	2
Nextera DNA Flex Pre-Enrichment Library Prep Reagents (16 samples)	20025519	2
Nextera DNA Flex Pre-Enrichment Library Prep and Enrichment Reagents 16 samples (16, 1-plex enrichment reactions)	20025523	1
NextSeq 500/550 High Output Kit v2.5 (300 Cycles)	20024908	2
IDT for Illumina Nextera DNA Unique Dual Indexes	20027213 or 20027214 or 20027215 or 20027216	1

## TruSight One with MiSeq® v3 (2x300 cycles) (15 samples with a maximum 3 samples/flowcell)

Illumina recommends the following kit quantities to best utilize MiSeq v3 (600 cycle) reagents with the TruSight One enrichment panel and Nextera Flex Enrichment library prep.

Product	Part Number	Quantity
TruSight One Expanded – Enrichment Oligos only (6 Enrichment Reactions)	20029227	1
MiSeq Reagent Kit v3 (600-cycle)	15043762	5
Nextera DNA Flex Pre-Enrichment Library Prep and Enrichment Reagents 16 samples (16, 1-plex enrichment reactions)	20025523	1
IDT for Illumina Nextera DNA Unique Dual Indexes	20027213 or 20027214 or 20027215 or 20027216	1

## TruSight Cardio with MiSeq v3 (600 cycle) (24 samples with a maximum 24 samples/flowcell)

Illumina recommends the following kit quantities to best utilize MiSeq v3 (600 cycle) reagents with the TruSight Cardio enrichment panel and Nextera Flex Enrichment library prep.

Product	Part Number	Quantity
TruSight Cardio – Enrichment Oligos only (8 Enrichment Reactions)	20029229	1
MiSeq Reagent Kit v3 (600-cycle)	15043762	1
Nextera DNA Flex Pre-Enrichment Library Prep (16 samples)	20025519	1
Nextera DNA Flex Pre-Enrichment Library Prep and Enrichment Reagents (16 samples)	20025523	1
IDT for Illumina Nextera DNA Unique Dual Indexes	20027213 or 20027214 or 20027215 or 20027216	1

## TruSight Cardio with MiniSeq Mid-Output (16 samples with a maximum 8 samples/flowcell)

Illumina recommends the following kit quantities to best utilize MiniSeq Mid-Output reagents with the TruSight Cardio enrichment panel and Nextera Flex Enrichment library prep.

Product	Part Number	Quantity
TruSight One Expanded – Enrichment Oligos only (8 Enrichment Reactions)	20029229	1
MiniSeq Mid Output Kit (300-cycles)	15073757	2
Nextera DNA Flex Pre-Enrichment Library Prep and Enrichment Reagents 16 samples (16, 1-plex enrichment reactions)	20025523	1
IDT for Illumina Nextera DNA Unique Dual Indexes	20027213 or 20027214 or 20027215 or 20027216	1

**For Research Use Only. Not for use in diagnostic procedures.**