

NEXTSEQ 500

Feature	75 cycles	150 cycles		300 cycles	
	High Output	Mid Output	High Output	Mid output	High output
Number of reads	SR: Up to 400 M	SR: Up to 130 M	SR: Up to 400 M	SR: Up to 130 M	SR: Up to 400 M
	PE: Up to 800 M	PE: Up to 260 M	PE: Up to 800 M	PE: Up to 260 M	PE: Up to 800 M
Read Length SR / PE	1 x 75 bp / 2 x 37 bp	1 x 150 bp / 2 x 75 bp	1 x 150 bp / 2 x 75 bp	1 x 300 bp / 2 x 150 bp	1 x 300 bp / 2 x 150 bp
Yield	25—30 Gb	16.25—19.5 Gb	50—60 Gb	32.5—39 Gb	100—120 Gb
Instrument Time (hrs)	11	15	18	26	~ 29
Quality Score (Q30 or higher)	> 80 % bases	> 80 % bases	> 80 % bases	> 75 % bases	> 75 % bases
Price per Gb (Price per run)	~ \$ 55 (\$ 1,670)	~ \$ 70 (\$ 1,360)	~ \$ 50 (\$ 3,000)	~ \$ 53 (\$2,080)	~ \$ 39 (\$4,700)

TAPESTATION

	D1000	HS D1000	Genomic DNA	RNA	HS RNA
Sizing Range	35—1000 bp		200— >60,000 bp	100—6,000 nt	
Sensitivity	0.1 ng/μl	5 pg/μl	0.5 ng/μl	5 ng/μl	100 pg/μl
Quantitative Range	0.1—50 ng/μl	10—1,000 pg/μl	10—100 ng/μl	25—500 ng/μl	500—10,000 pg/μl

PIPPIN PREP

Cassette	Size Range
3 % agarose	90—250 bp
2 % agarose	100—600 bp
1.5 % agarose	300—1,500 bp

QUBIT

	dsDNA	Total RNA	microRNA	ssDNA	Protein
Broad Range	2—1,000 ng	20—1,000 ng	1-500 ng	1—200 ng	1—500 ng
High Sense	0.2—100 ng	5—100 ng			