

DNA/RNA Quality Check on Agilent TapeStation

Service Overview

The NGS Core Facility offers a comprehensive DNA/RNA Quality Check service on Agilent TapeStation covering the quality check of RNA or genomic DNA, as well as DNA fragment length analysis of double-stranded DNA (dsDNA). This document summarises the key technical parameters, deliverables, and sample input requirements.

Technical Specifications

Parameter	Specification
Data Output	A report extracted from the TapeStation in PDF format, containing sample traces and measured values in tabular form.
Turnaround Time	1-3 days after sample receipt, provided all samples meet the specified input requirements

Starting Material

Please ensure your samples meet the following input requirements.

Material	ScreenTape	Quantitative range	DIN or RINe functional range	Sizing range	Volume
Genomic DNA (gDNA)	Genomic	10 – 100 ng/μl	5 – 300 ng/μl	200 – 60000 bp	2 μL
double-stranded DNA (dsDNA)	D1000	0,1 – 50 ng/μL	-	35 – 1000 bp	2 μL
	High Sensitivity D1000	0,01 – 1 ng/μL	-	35 – 1000 bp	3 μL
	D5000	0,1 – 50 ng/μL	-	100 – 5000 bp	2 μL
	High Sensitivity D5000	0,01 – 1 ng/μL	-	100 – 5000 bp	3 μL
Total RNA	RNA	25 – 500 ng/μL	25 – 500 ng/μL	Total RNA	2 μL
	High Sensitivity RNA	0,5 – 10 ng/μL	1 – 25 ng/μl	Total RNA	3 μL

Notes

- Please refer to our [Sample Requirements & Submission Guidelines](#) for information on quality control, data storage, liability, confidentiality and general sample preparation and shipping instructions.

Contact

For questions and pricing information, please contact:

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