



RNA/DNA Analysis on Bioanalyzer and TapeStation

TCAG Microarray Facility offers the services to provide RNA/DNA analysis with Bioanalyzer and TapeStation. The Agilent Bioanalyzer and TapeStation are able to analyze DNA and RNA, especially on their quality. The **RNA 6000 Nano LabChip** and **RNA 6000 Pico LabChip**, the most popular ones, provide sensitive, fast and high quality tool for analysis of RNA quality and quantity. TapeStation genome tape can check genome DNA quality with only 2ul of samples.

Sample requirement:

- RNA or DNA sample should be in Rnase-free and DNase-free H₂O solution. RNA sample needs to be delivered in dry ice.

RNA 6000 Nano LabChip Kit analytical specifications

	Total RNA		mRNA	
	Concentration	Volume	Concentration	Volume
Qualitative analysis	5-500 ng/μl	>2 ul	25-250 ng/μl	>2 ul
Quantitative analysis	25-500 ng/μl	>2 ul	25-250 ng/μl	>2 ul

RNA 6000 Pico LabChip Kit analytical specifications

	Total RNA		mRNA	
	Total RNA	Volume	mRNA	Volume
Qualitative analysis	200-5000 pg/μl	>2 ul	500-5000 pg/μl	>2 ul

For more details on these kits and other kits available, please visit Agilent's web site.

Sample Submission:

Please follow the instruction on our web, section #5:

<http://www.tcag.ca/facilities/microarray.html>

Fees:

It is \$15 per sample for either RNA or DNA.

For more information or inquiry, please contact us at:

<http://www.tcag.ca/facilities/microarray.html>

(updated June 16, 2022)