

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-11\2017-08-11_002.xad

Created: 8/11/2017 12:35:13 PM
Modified: 8/11/2017 1:01:06 PM

Electrophoresis File Run Summary

Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

Assay Information:

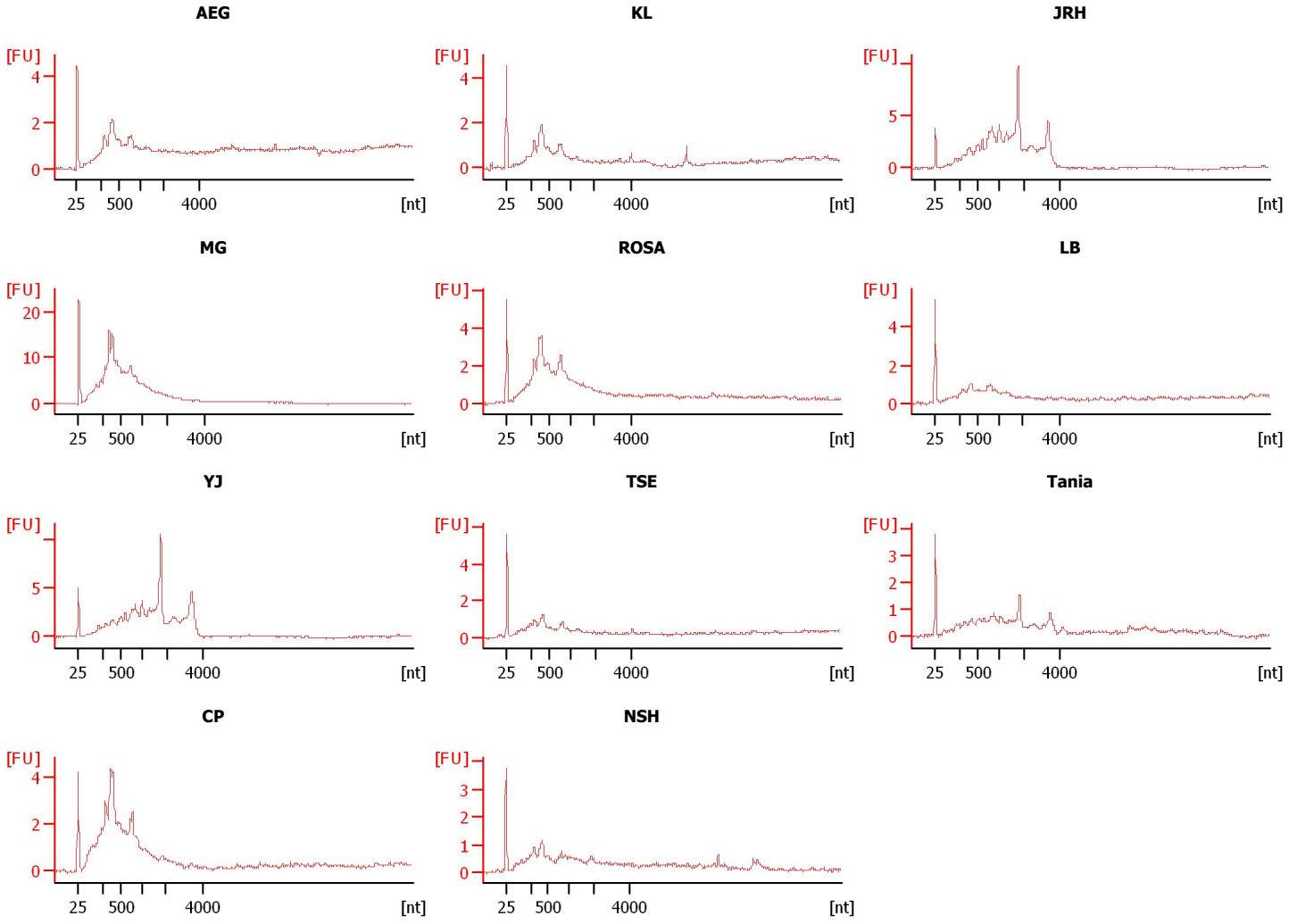
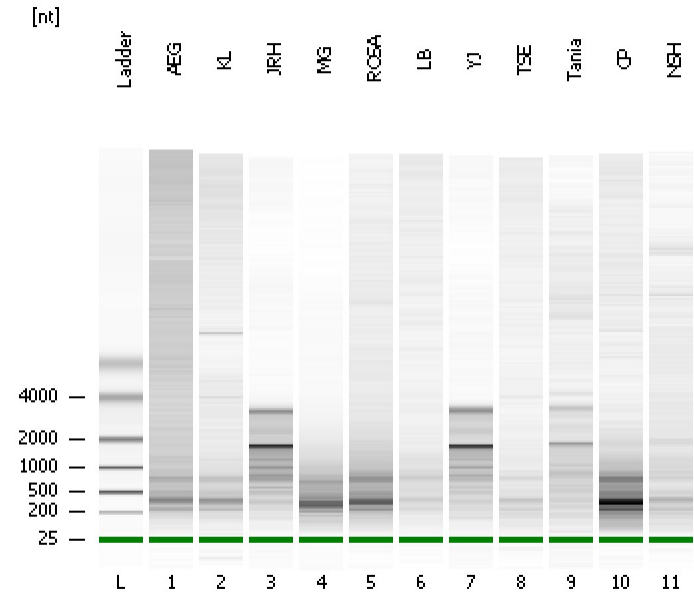
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\mRNA Pico Series II.xsy

Assay Class: mRNA Pico
Version: 2.6
Assay Comments: mRNA Analysis pg sensitivity

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Chip Information:

Chip Lot #: Reagent Kit Lot #: Chip Comments:



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Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
AEG		✓		
KL		✓		
JRH		✓		
MG		✓		
ROSA		✓		
LB		✓		
YJ		✓		
TSE		✓		
Tania		✓		
CP		✓		
NSH		✓		
Ladder		✓		

Chip Lot #

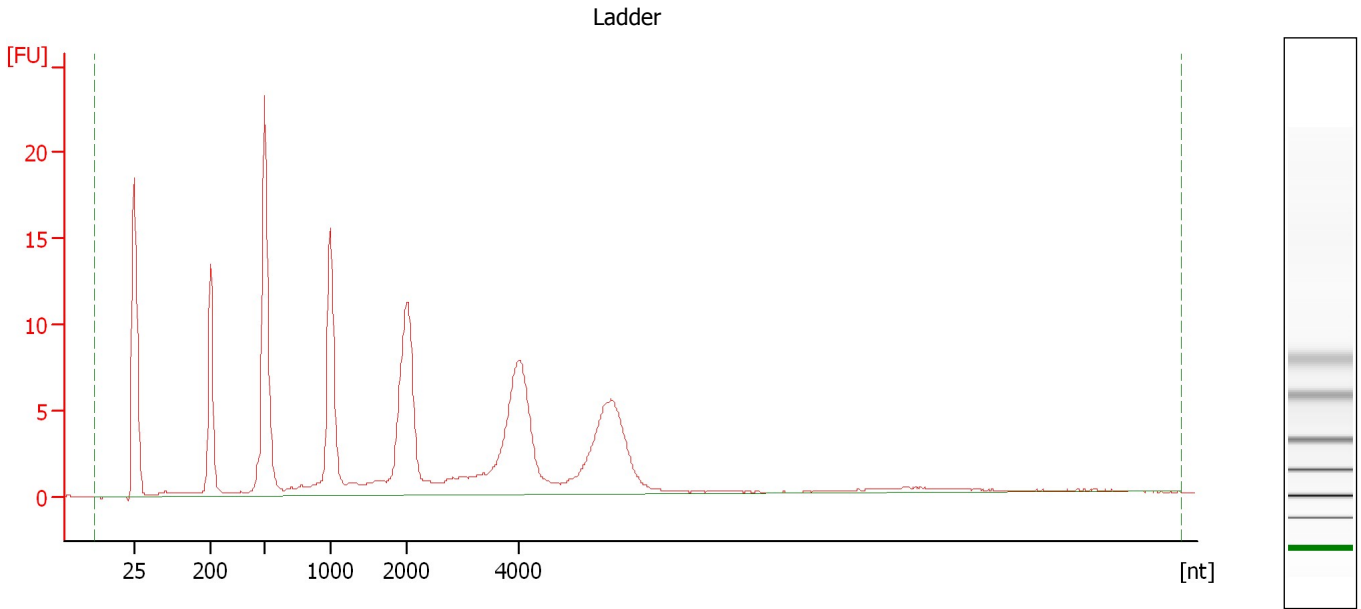
Reagent Kit Lot #

Chip Comments :

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Electropherogram Summary



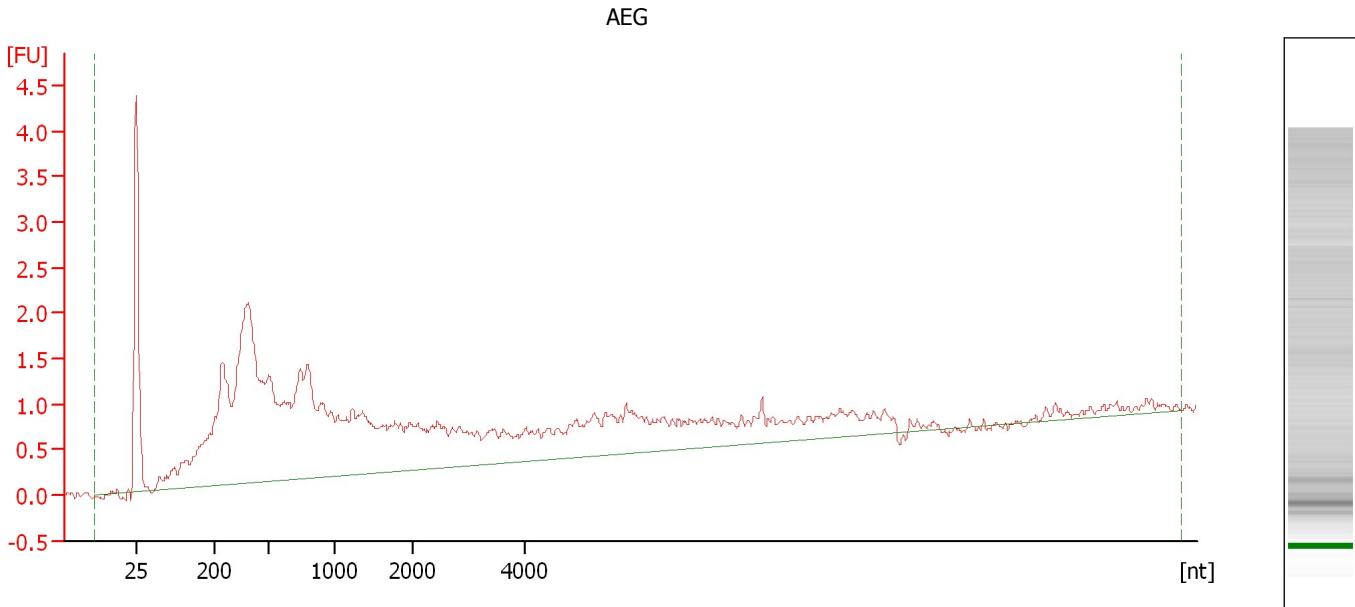
Overall Results for Ladder

RNA Area: 214.9 RNA Concentration: 1,000 pg/μl

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Electropherogram Summary Continued ...



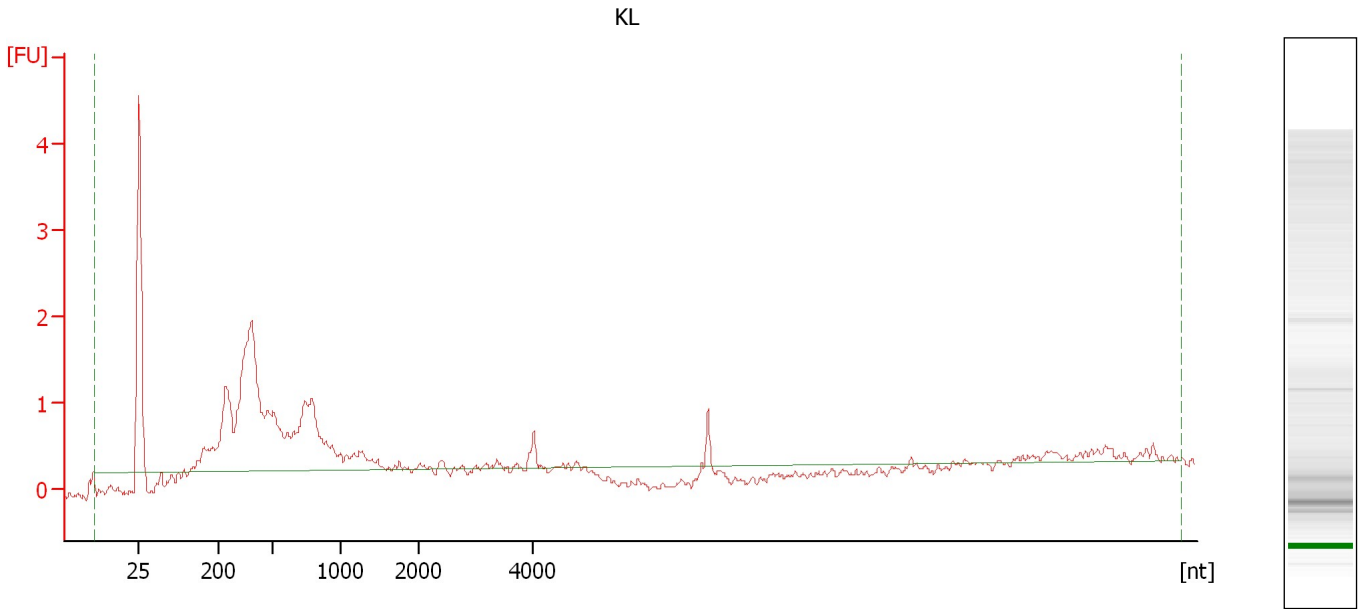
Overall Results for sample 1 : AEG

RNA Area:	65.4	rRNA Contamination:	0.0 %
RNA Concentration:	304 pg/μl		

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Electropherogram Summary Continued ...



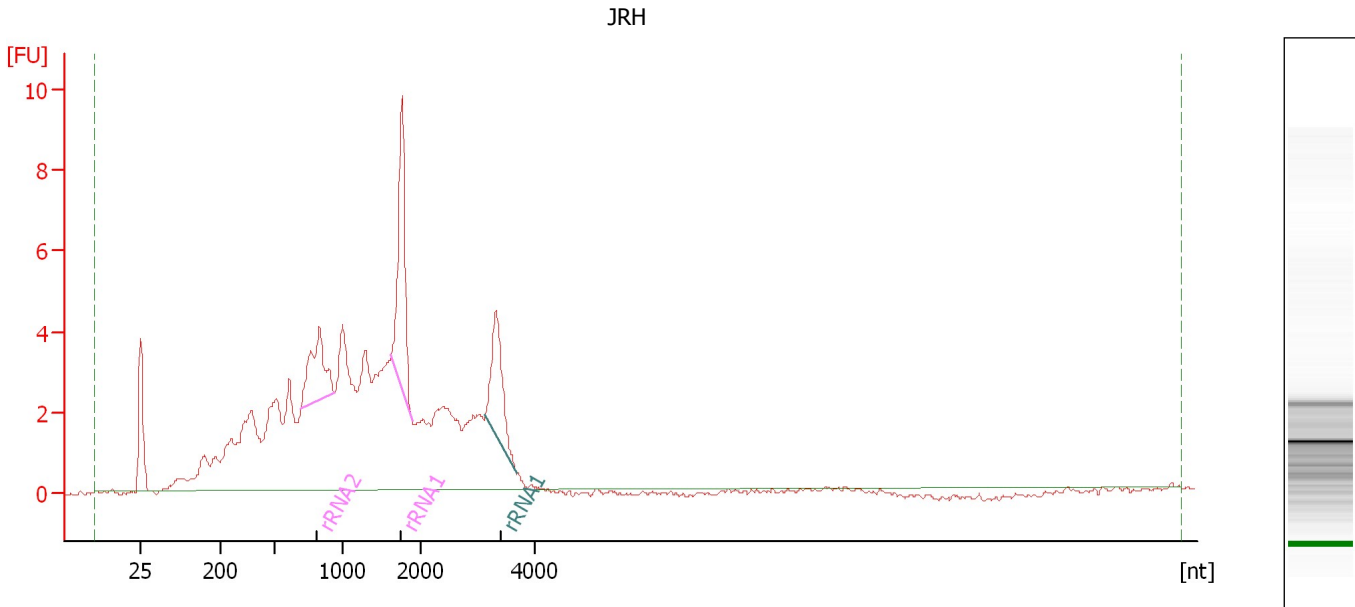
Overall Results for sample 2 : KL

RNA Area: 24.2 rRNA Contamination: 0.0 %
RNA Concentration: 113 pg/μl

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Electropherogram Summary Continued ...



Overall Results for sample 3 : JRH

RNA Area: 145.3 rRNA Contamination: 15.4 %
RNA Concentration: 676 pg/μl

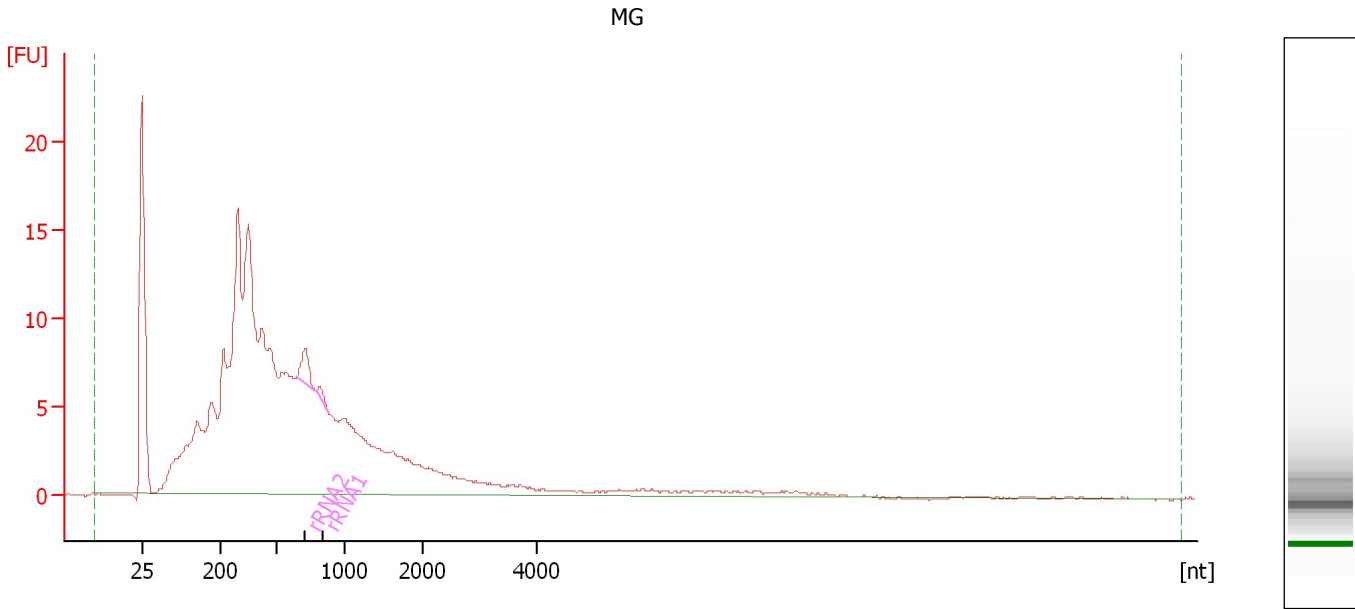
Fragment table for sample 3 : JRH

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	693	940	6.2	4.3
rRNA1	1,619	1,884	10.2	7.0
rRNA1	3,124	3,653	6.0	4.1

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Electropherogram Summary Continued ...



Overall Results for sample 4 : MG

RNA Area: 343.3 rRNA Contamination: 1.3 %
RNA Concentration: 1,597 pg/μl

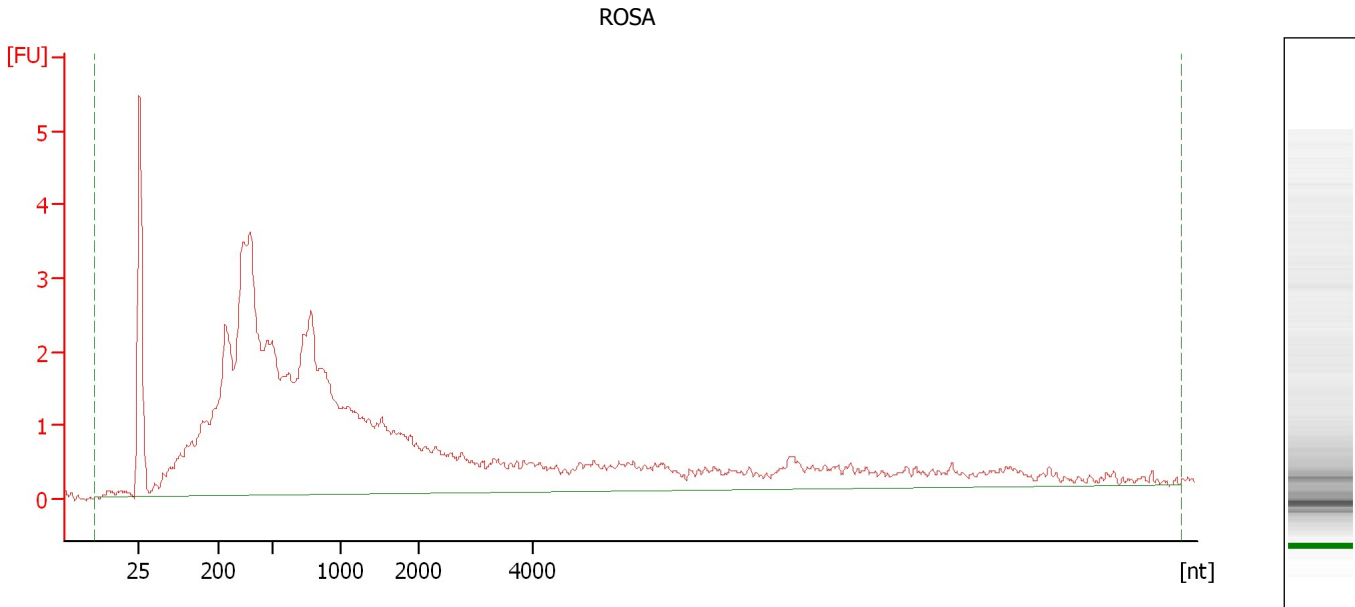
Fragment table for sample 4 : MG

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	655	790	3.5	1.0
rRNA1	796	884	1.0	0.3

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Electropherogram Summary Continued ...



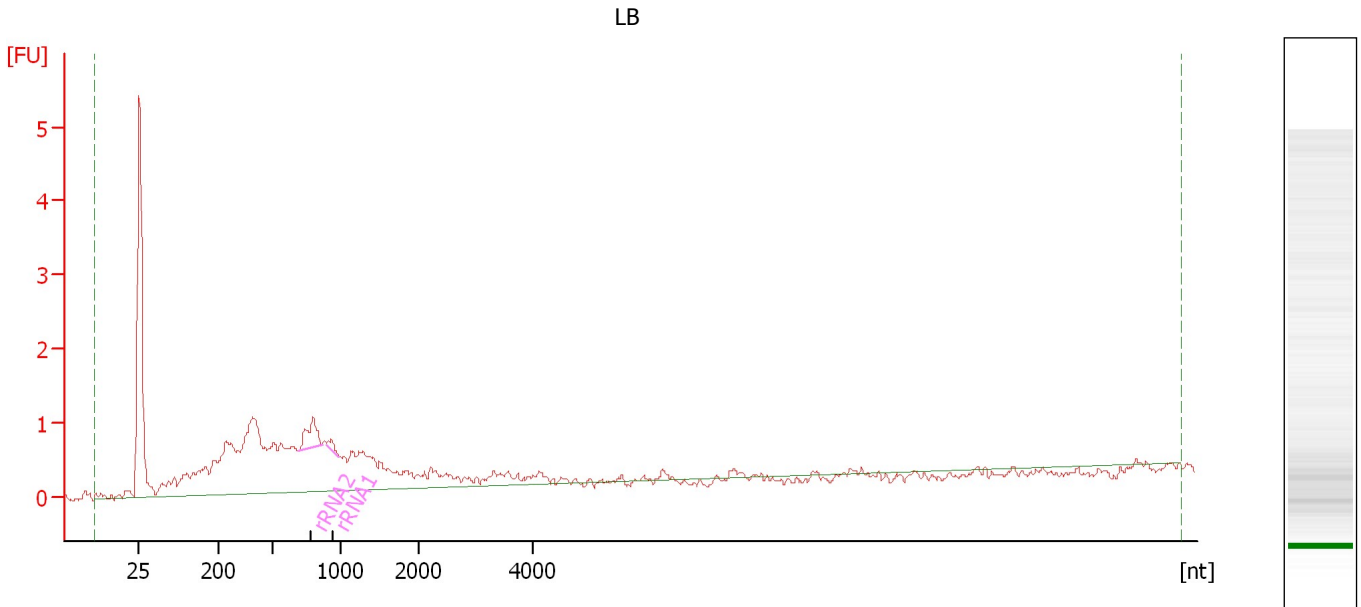
Overall Results for sample 5 : ROSA

RNA Area: 108.6 rRNA Contamination: 0.0 %
RNA Concentration: 505 pg/μl

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Electropherogram Summary Continued ...



Overall Results for sample 6 : LB

RNA Area: 33.0 rRNA Contamination: 3.5 %
RNA Concentration: 154 pg/μl

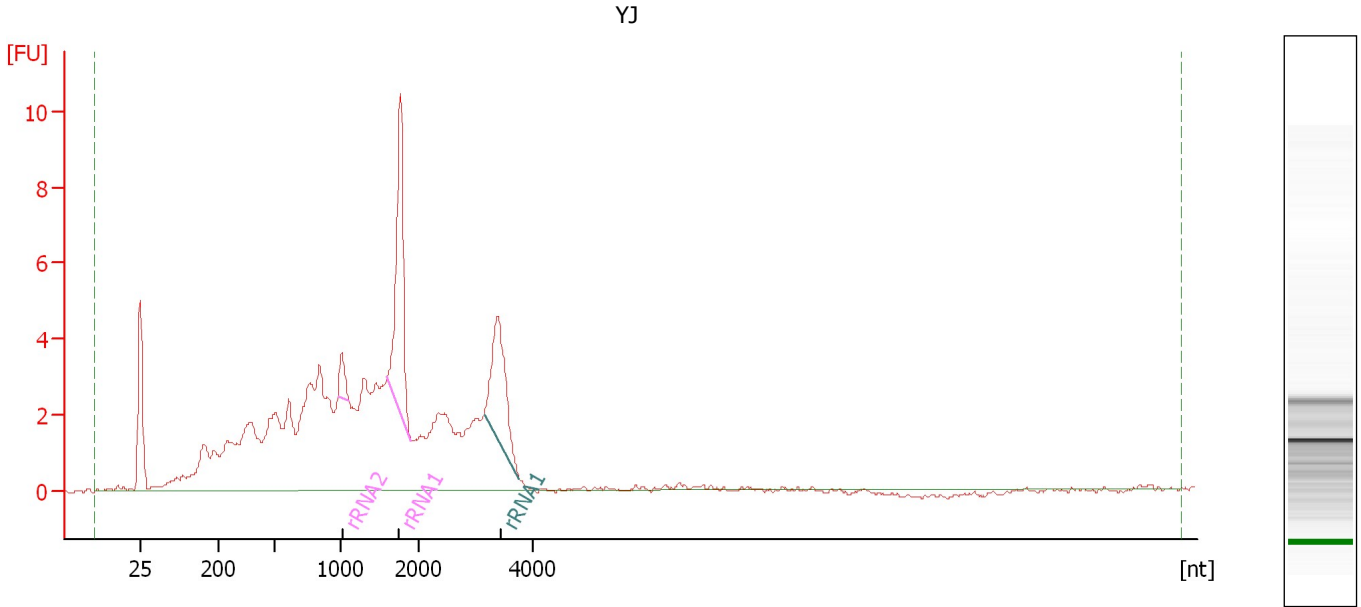
Fragment table for sample 6 : LB

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	700	865	1.0	3.0
rRNA1	901	989	0.2	0.5

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Electropherogram Summary Continued ...



Overall Results for sample 7 : YJ

RNA Area: 144.6 rRNA Contamination: 14.9 %
RNA Concentration: 673 pg/μl

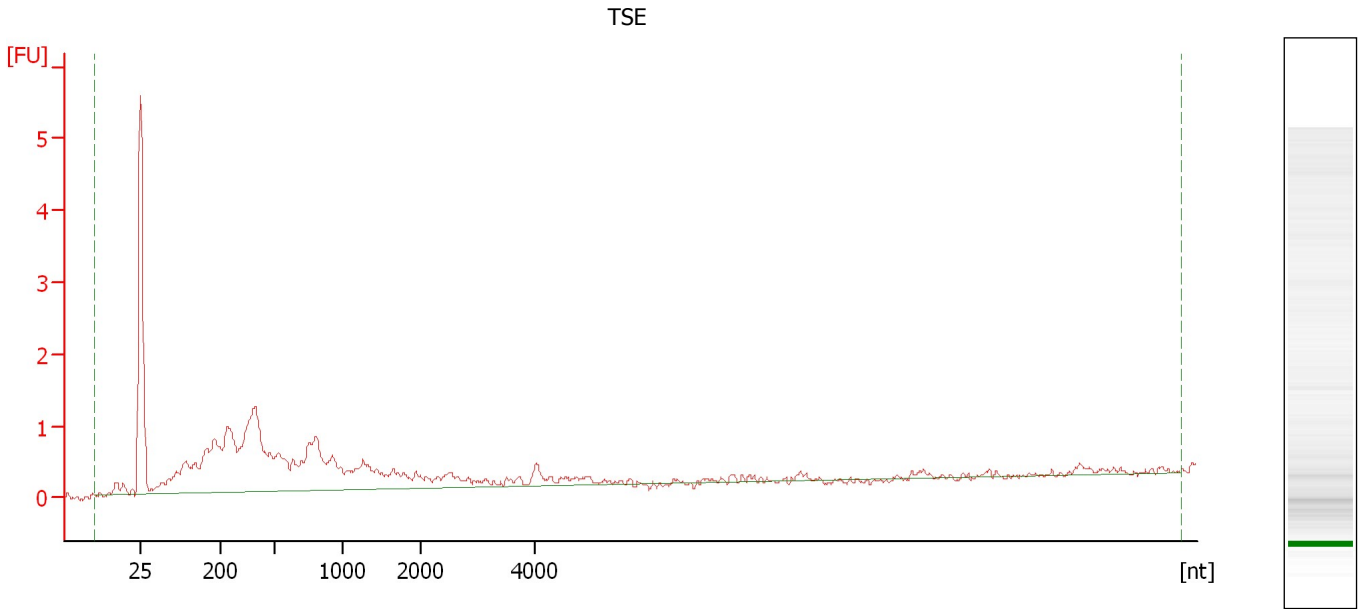
Fragment table for sample 7 : YJ

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	974	1,098	1.4	1.0
rRNA1	1,587	1,893	12.2	8.4
rRNA1	3,126	3,741	8.0	5.5

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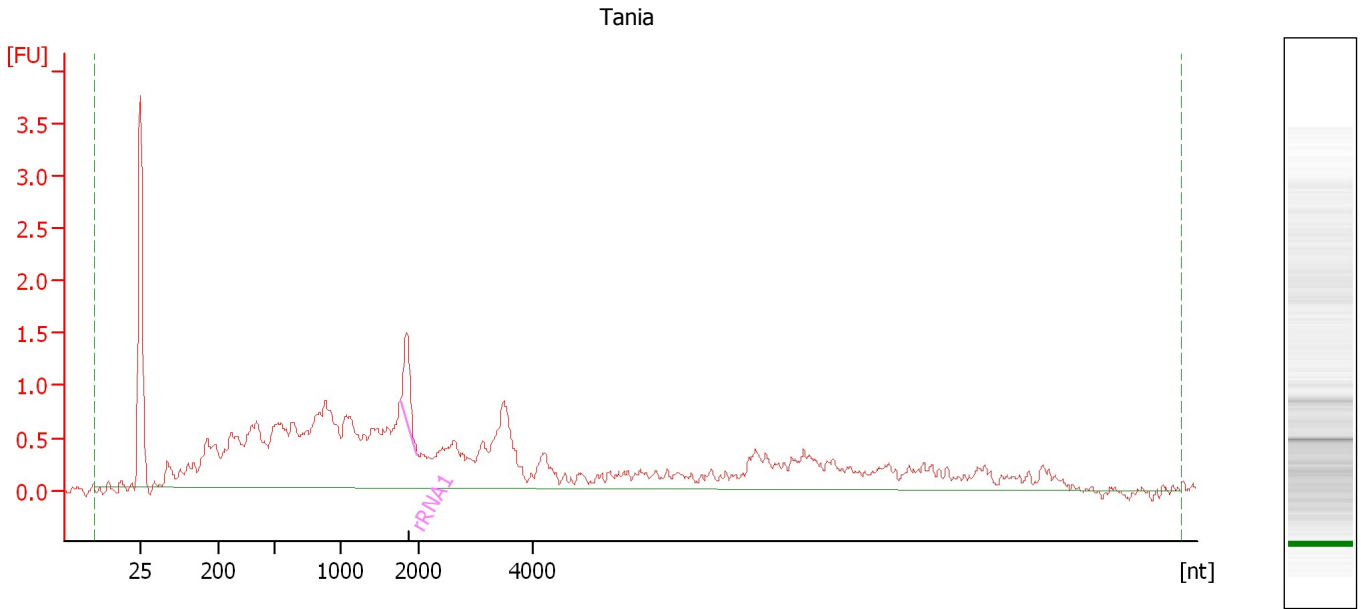
Overall Results for sample 8 : TSE

RNA Area:	31.8	rRNA Contamination:	0.0 %
RNA Concentration:	148 pg/μl		

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Electropherogram Summary Continued ...



Overall Results for sample 9 : Tania

RNA Area: 43.4 rRNA Contamination: 2.5 %
RNA Concentration: 202 pg/μl

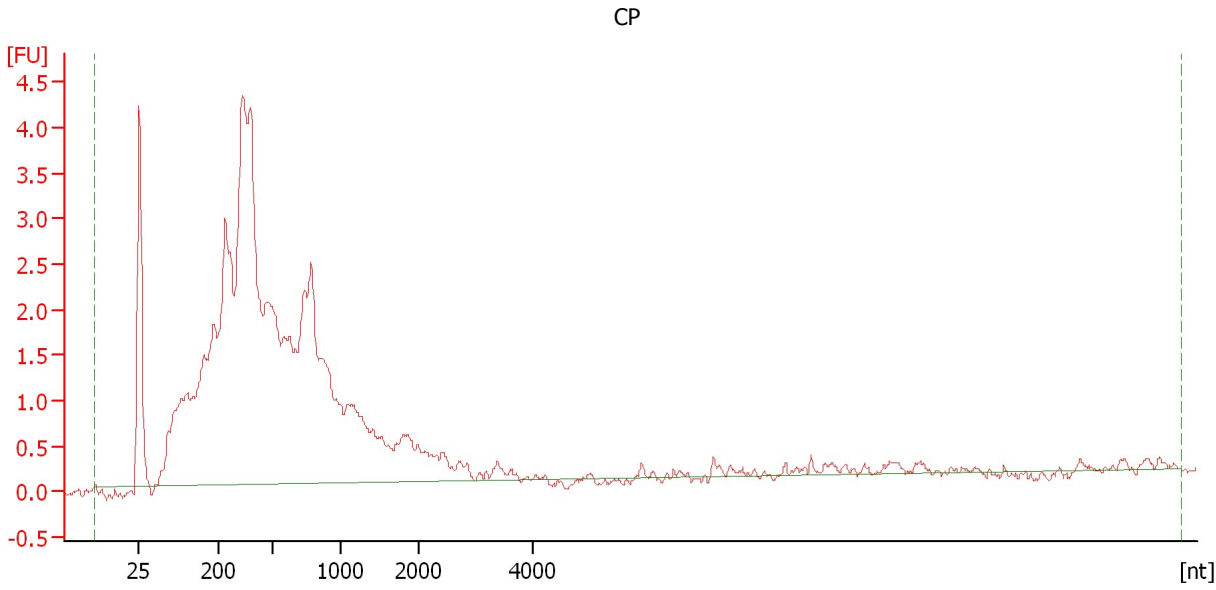
Fragment table for sample 9 : Tania

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA1	1,750	1,974	1.1	2.5

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Electropherogram Summary Continued ...



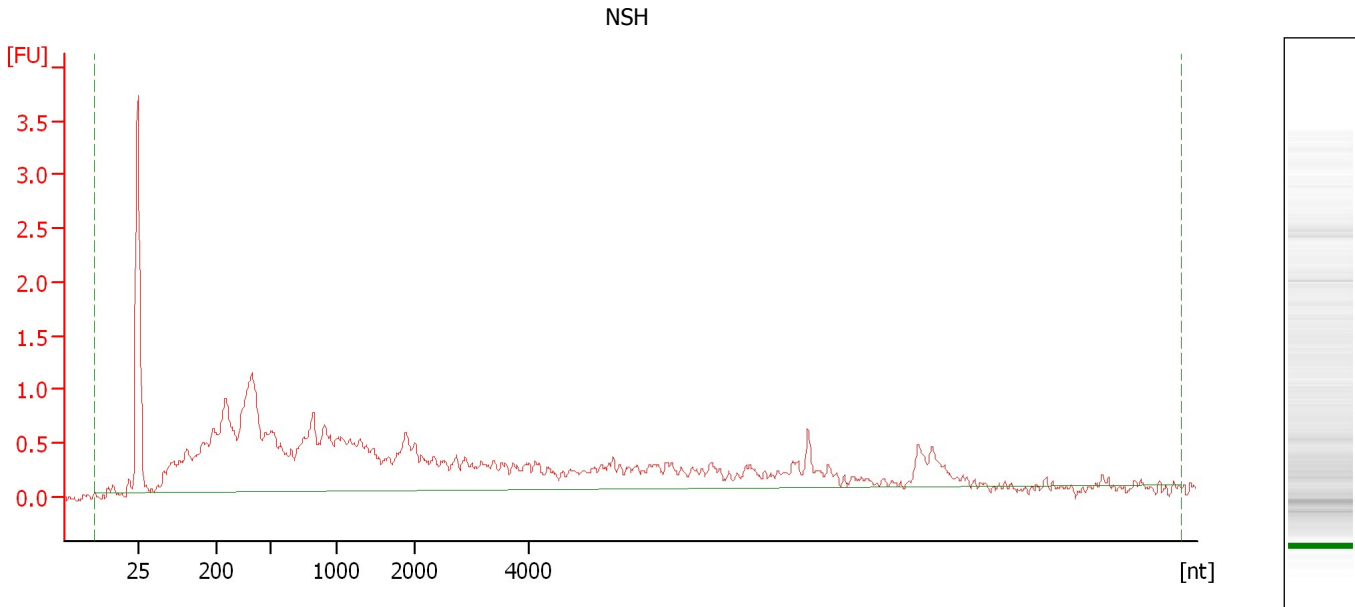
Overall Results for sample 10 : CP

RNA Area: 88.9 rRNA Contamination: 0.0 %
RNA Concentration: 414 pg/μl

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Overall Results for sample 11 : NSH

RNA Area: 39.7 rRNA Contamination: 0.0 %
RNA Concentration: 185 pg/μl

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Gel Image

