

Assay Class: mRNA Pico
Data Path: D:\...08\2100 expert_mRNA Pico_DE24802235_2011-02-08_16-17-57.xad

Created: 2/8/2011 4:17:57 PM
Modified: 2/8/2011 5:12:40 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12

Minimum Visible Range [s] : 14

Maximum Visible Range [s] : 85

Start Analysis Time Range [s] : 15

End Analysis Time Range [s] : 84

Ladder Concentration [pg/μl] : 1000

Lower Marker Concentration [pg/μl] : 0

Upper Marker Concentration [pg/μl] : 0

Used Lower Marker for Quantitation

Standard Curve Fit is Logarithmic

Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 15

Integration End Time [s] : 84

Slope Threshold : 0.2

Height Threshold [FU] : 0.5

Area Threshold : 0.1

Width Threshold [s] : 0.2

Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5

Polynomial Order : 4

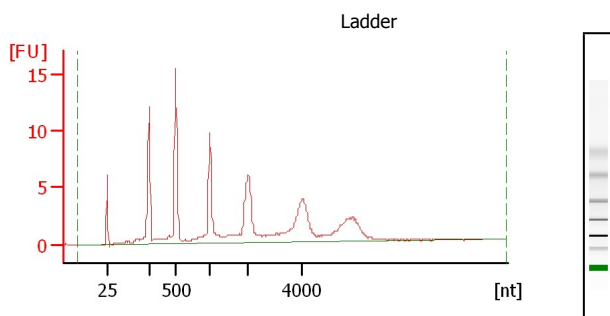
Ladder

Ladder Peak	Size
1	25
2	200
3	500
4	1000
5	2000
6	4000

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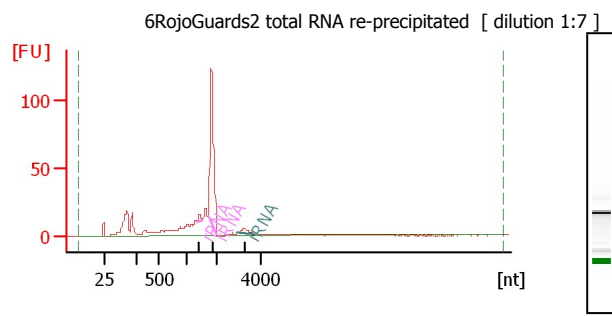
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Electropherogram Summary



Overall Results for Ladder

RNA Area: 120.6
RNA Concentration: 1,000 pg/μl

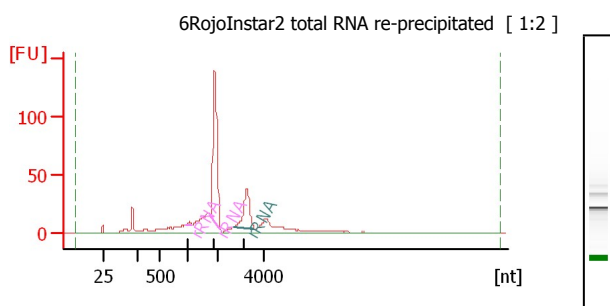


Overall Results for sample 1 : 6RojoGuards2 total RNA re-precipitated

RNA Area: 587.0
RNA Concentration: 4,866 pg/μl
rRNA Contamination: 37.2 %

Fragment table for sample 1 : 6RojoGuards2 total RNA re-precipitated

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	1,354	1,525	5.6	0.9
rRNA	1,696	1,999	203.0	34.6
rRNA	2,904	3,695	9.9	1.7

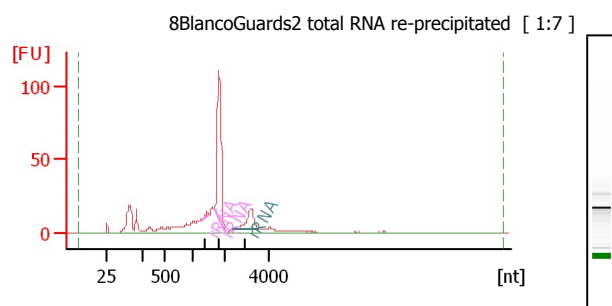


Overall Results for sample 2 : 6RojoInstar2 total RNA re-precipitated

RNA Area: 821.2
RNA Concentration: 6,807 pg/μl
rRNA Contamination: 41.4 %

Fragment table for sample 2 : 6RojoInstar2 total RNA re-precipitated

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	975	1,163	3.7	0.4
rRNA	1,738	2,078	249.4	30.4
rRNA	2,672	3,604	86.7	10.6



Overall Results for sample 3 : 8BlancoGuards2 total RNA re-precipitated

RNA Area: 645.7
RNA Concentration: 5,353 pg/μl
rRNA Contamination: 36.8 %

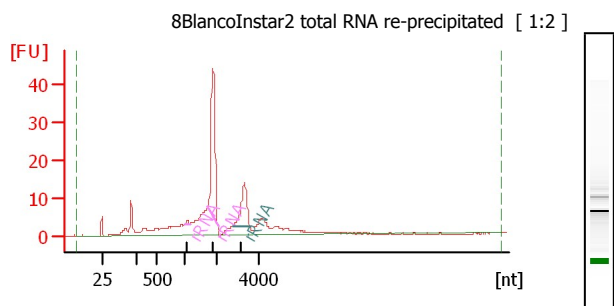
Fragment table for sample 3 : 8BlancoGuards2 total RNA re-precipitated

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	1,254	1,548	4.9	0.8
rRNA	1,715	2,027	185.7	28.8
rRNA	2,433	3,552	46.9	7.3

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Electropherogram Summary Continued ...

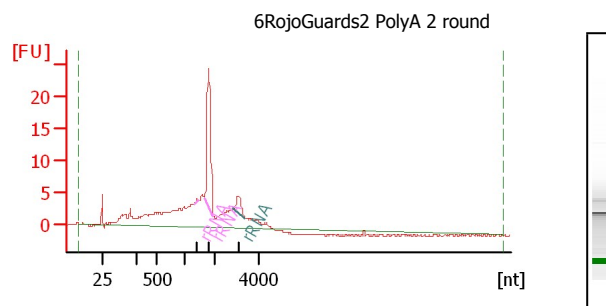


Overall Results for sample 4 : 8BlancoInstar2 total RNA re-prec

RNA Area: 298.6
 RNA Concentration: 2,476 pg/μl
 rRNA Contamination: 36.3 %

Fragment table for sample 4 : 8BlancoInstar2 total RNA re-precip

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	991	1,165	1.2	0.4
rRNA	1,738	2,086	78.7	26.3
rRNA	2,760	3,563	28.4	9.5

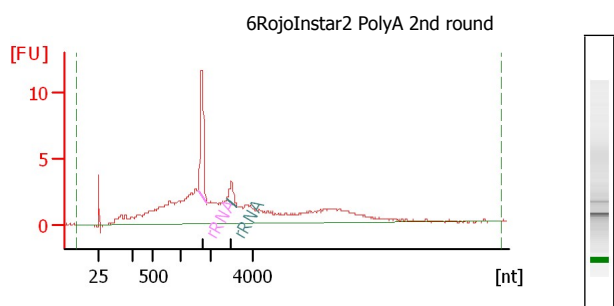


Overall Results for sample 5 : 6RojoGuards2 PolyA 2 round

RNA Area: 202.7
 RNA Concentration: 1,681 pg/μl
 rRNA Contamination: 21.8 %

Fragment table for sample 5 : 6RojoGuards2 PolyA 2 round

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	1,343	1,496	0.6	0.3
rRNA	1,669	1,954	37.8	18.6
rRNA	2,849	3,416	5.9	2.9

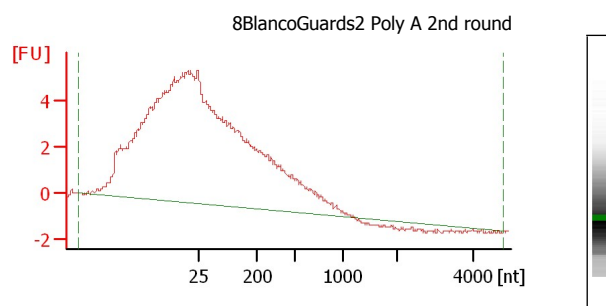


Overall Results for sample 6 : 6RojoInstar2 PolyA 2nd round

RNA Area: 133.9
 RNA Concentration: 1,110 pg/μl
 rRNA Contamination: 15.0 %

Fragment table for sample 6 : 6RojoInstar2 PolyA 2nd round

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	1,598	1,887	17.2	12.9
rRNA	2,794	3,279	2.9	2.2

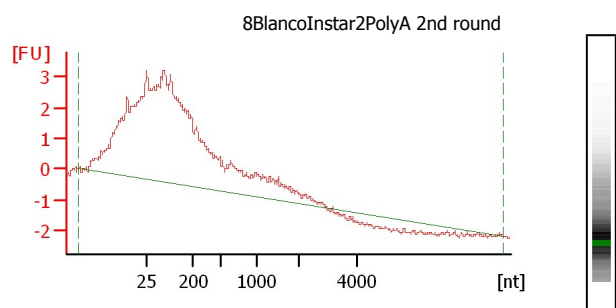


Overall Results for sample 7 : 8BlancoGuards2 Poly A 2nd round

RNA Area: 299.6
 RNA Concentration: 2,484 pg/μl
 rRNA Contamination: 0.0 %

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Electropherogram Summary Continued ...**Overall Results for sample 8 : 8BlancoInstar2PolyA 2nd round**

RNA Area: 158.0
RNA Concentration: 1,310 pg/μl
rRNA Contamination: 0.0 %

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