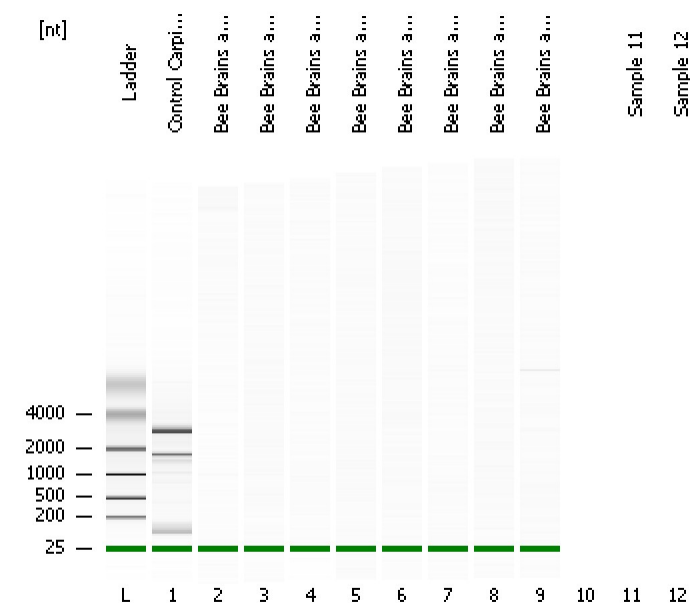


Assay Class: mRNA Nano
Data Path: D:\...28\2100 expert_mRNA Nano_DE24802235_2011-02-28_15-19-53.xad

Created: 2/28/2011 3:19:53 PM
Modified: 2/28/2011 3:42:12 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: Ann's baby Firmware: C.01.069
Serial#: DE24802235 Type: G2938B

Assay Information:

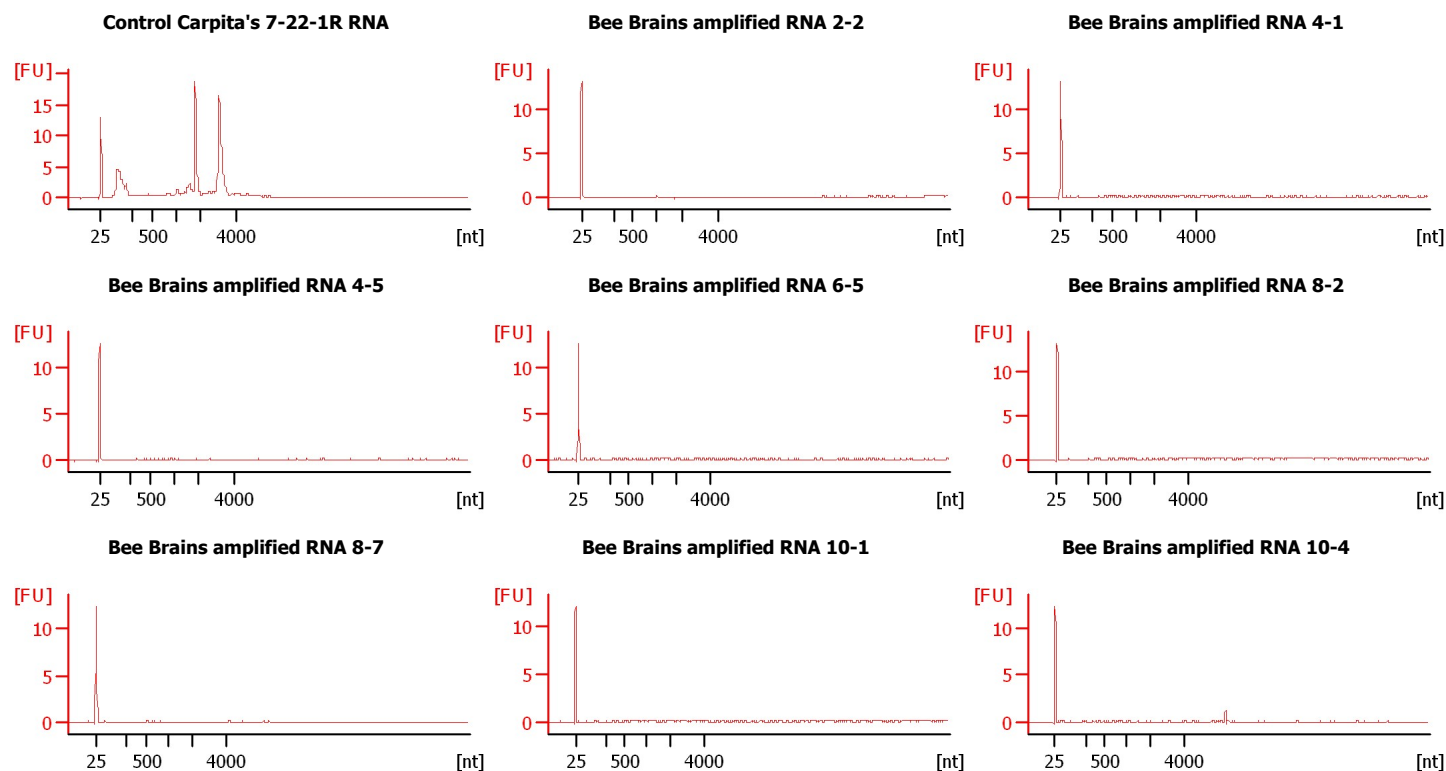
Assay Origin Path: D:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\mRNA Nano Series II.xsy

Assay Class: mRNA Nano
Version: 2.5
Assay Comments: mRNA Analysis ng sensitivity

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Chip Information:

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



Assay Class: mRNA Nano
Data Path: D:\...28\2100 expert_mRNA Nano_DE24802235_2011-02-28_15-19-53.xad

Created: 2/28/2011 3:19:53 PM
Modified: 2/28/2011 3:42:12 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Control Carpita's 7-22-1R RNA		✓		
Bee Brains amplified RNA 2-2		✓		
Bee Brains amplified RNA 4-1		✓		
Bee Brains amplified RNA 4-5		✓		
Bee Brains amplified RNA 6-5		✓		
Bee Brains amplified RNA 8-2		✓		
Bee Brains amplified RNA 8-7		✓		
Bee Brains amplified RNA 10-1		✓		
Bee Brains amplified RNA 10-4		✓		

Sample 11
Sample 12

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

Assay Class: mRNA Nano
Data Path: D:\...28\2100 expert_mRNA Nano_DE24802235_2011-02-28_15-19-53.xad

Created: 2/28/2011 3:19:53 PM
Modified: 2/28/2011 3:42:12 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13

Minimum Visible Range [s] : 14

Maximum Visible Range [s] : 85

Start Analysis Time Range [s] : 15

End Analysis Time Range [s] : 84

Ladder Concentration [ng/μl] : 150

Lower Marker Concentration [ng/μl] : 0

Upper Marker Concentration [ng/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

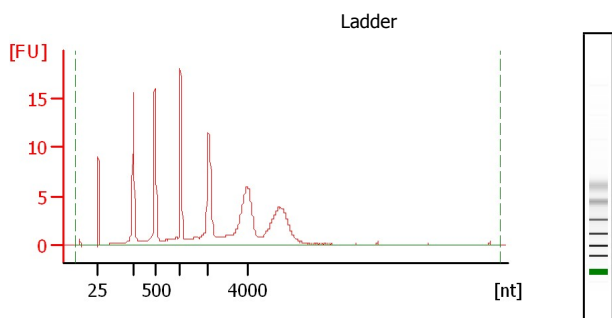
Ladder

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

Assay Class: mRNA Nano
Data Path: D:\...28\2100 expert_mRNA Nano_DE24802235_2011-02-28_15-19-53.xad

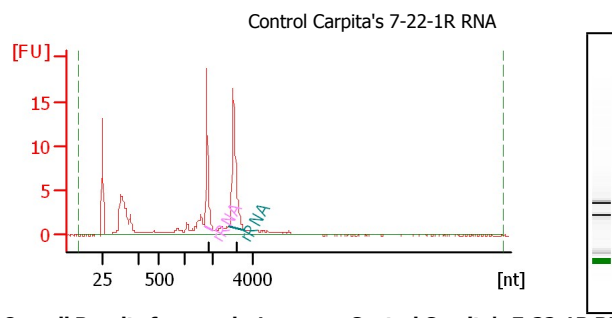
Created: 2/28/2011 3:19:53 PM
Modified: 2/28/2011 3:42:12 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 186.1
RNA Concentration: 150 ng/μl

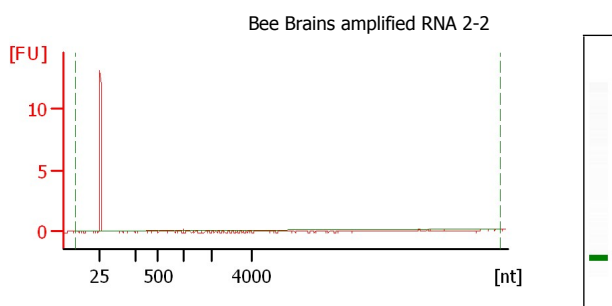


Overall Results for sample 1 : Control Carpita's 7-22-1R RNA

RNA Area: 115.7
RNA Concentration: 93 ng/μl
rRNA Contamination: 37.8 %

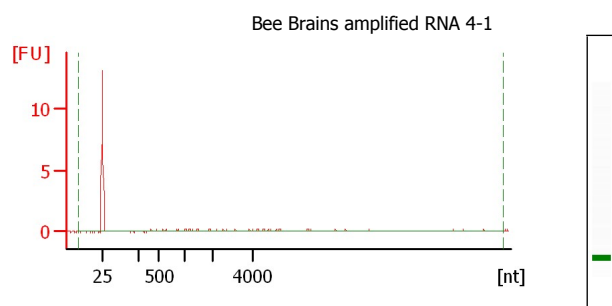
Fragment table for sample 1 : Control Carpita's 7-22-1R RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA	1,714	2,005	17.2	14.8
rRNA	2,845	3,619	26.6	23.0



Overall Results for sample 2 : Bee Brains amplified RNA 2-2

RNA Area: 1.1
RNA Concentration: 1 ng/μl
rRNA Contamination: 0.0 %

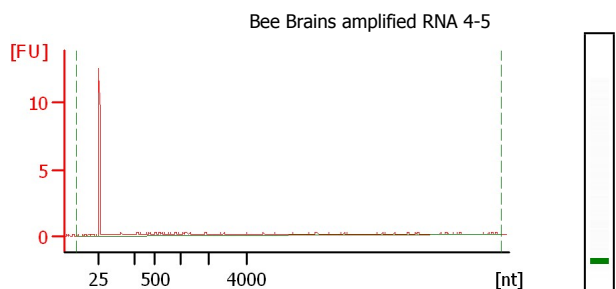


Overall Results for sample 3 : Bee Brains amplified RNA 4-1

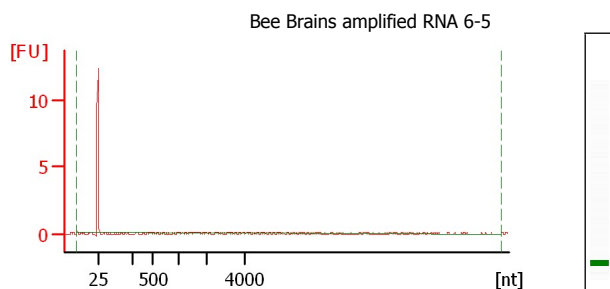
RNA Area: 8.3
RNA Concentration: 7 ng/μl
rRNA Contamination: 0.0 %

Assay Class: mRNA Nano
Data Path: D:\...28\2100 expert_mRNA Nano_DE24802235_2011-02-28_15-19-53.xad

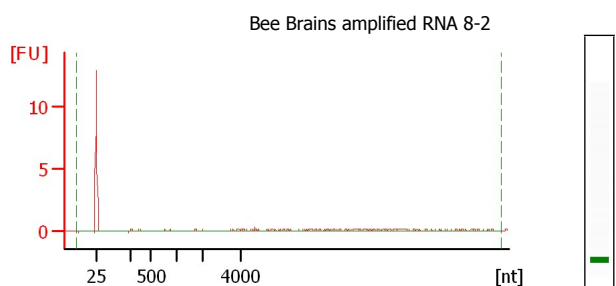
Created: 2/28/2011 3:19:53 PM
Modified: 2/28/2011 3:42:12 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : Bee Brains amplified RNA 4-5**

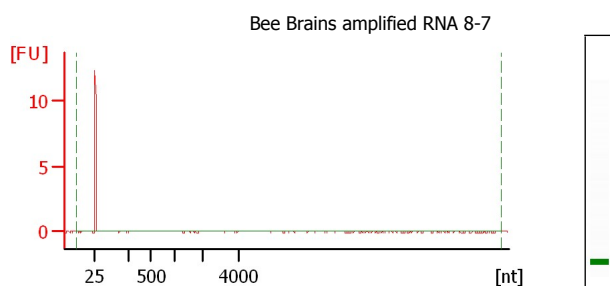
RNA Area: 9.8
RNA Concentration: 8 ng/μl
rRNA Contamination: 0.0 %

**Overall Results for sample 5 : Bee Brains amplified RNA 6-5**

RNA Area: 1.9
RNA Concentration: 1 ng/μl
rRNA Contamination: 0.0 %

**Overall Results for sample 6 : Bee Brains amplified RNA 8-2**

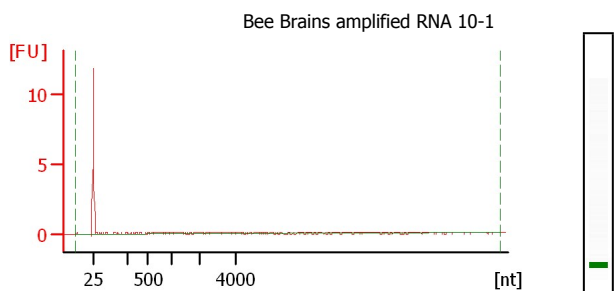
RNA Area: 10.3
RNA Concentration: 8 ng/μl
rRNA Contamination: 0.0 %

**Overall Results for sample 7 : Bee Brains amplified RNA 8-7**

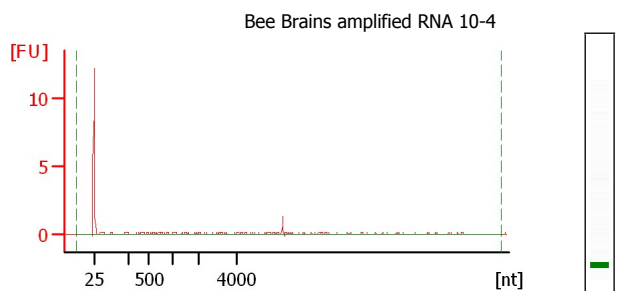
RNA Area: 2.2
RNA Concentration: 2 ng/μl
rRNA Contamination: 0.0 %

Assay Class: mRNA Nano
Data Path: D:\...28\2100 expert_mRNA Nano_DE24802235_2011-02-28_15-19-53.xad

Created: 2/28/2011 3:19:53 PM
Modified: 2/28/2011 3:42:12 PM

Electropherogram Summary Continued ...**Overall Results for sample 8 : Bee Brains amplified RNA 10-1**

RNA Area: 5.5
RNA Concentration: 4 ng/μl
rRNA Contamination: 0.0 %

**Overall Results for sample 9 : Bee Brains amplified RNA 10-4**

RNA Area: 5.0
RNA Concentration: 4 ng/μl
rRNA Contamination: 0.0 %

Assay Class: mRNA Nano
Data Path: D:\...28\2100 expert_mRNA Nano_DE24802235_2011-02-28_15-19-53.xad

Created: 2/28/2011 3:19:53 PM
Modified: 2/28/2011 3:42:12 PM

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