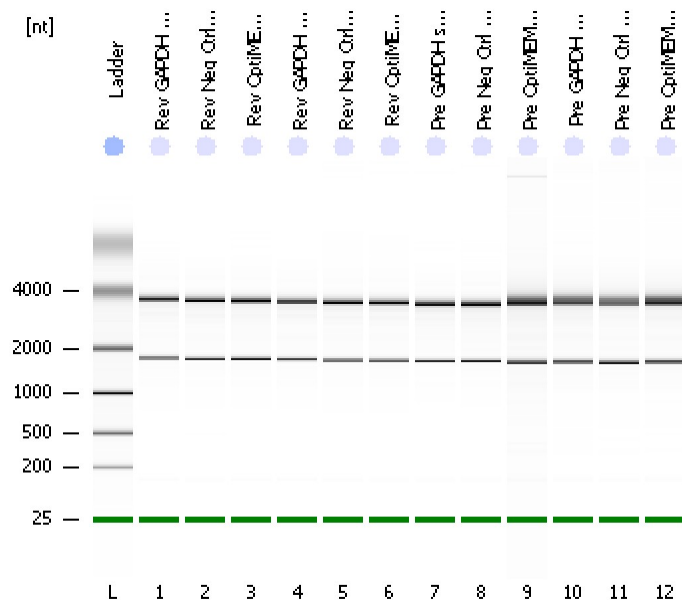


Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-18_15-07-56.xad

Created: 6/18/2012 3:07:55 PM
Modified: 6/18/2012 3:31:52 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: Ann's baby
Serial#: DE24802235

Firmware: C.01.069
Type: G2938B

Assay Information:

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

Assay Class: Eukaryote Total RNA Nano

Version: 2.6

Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)

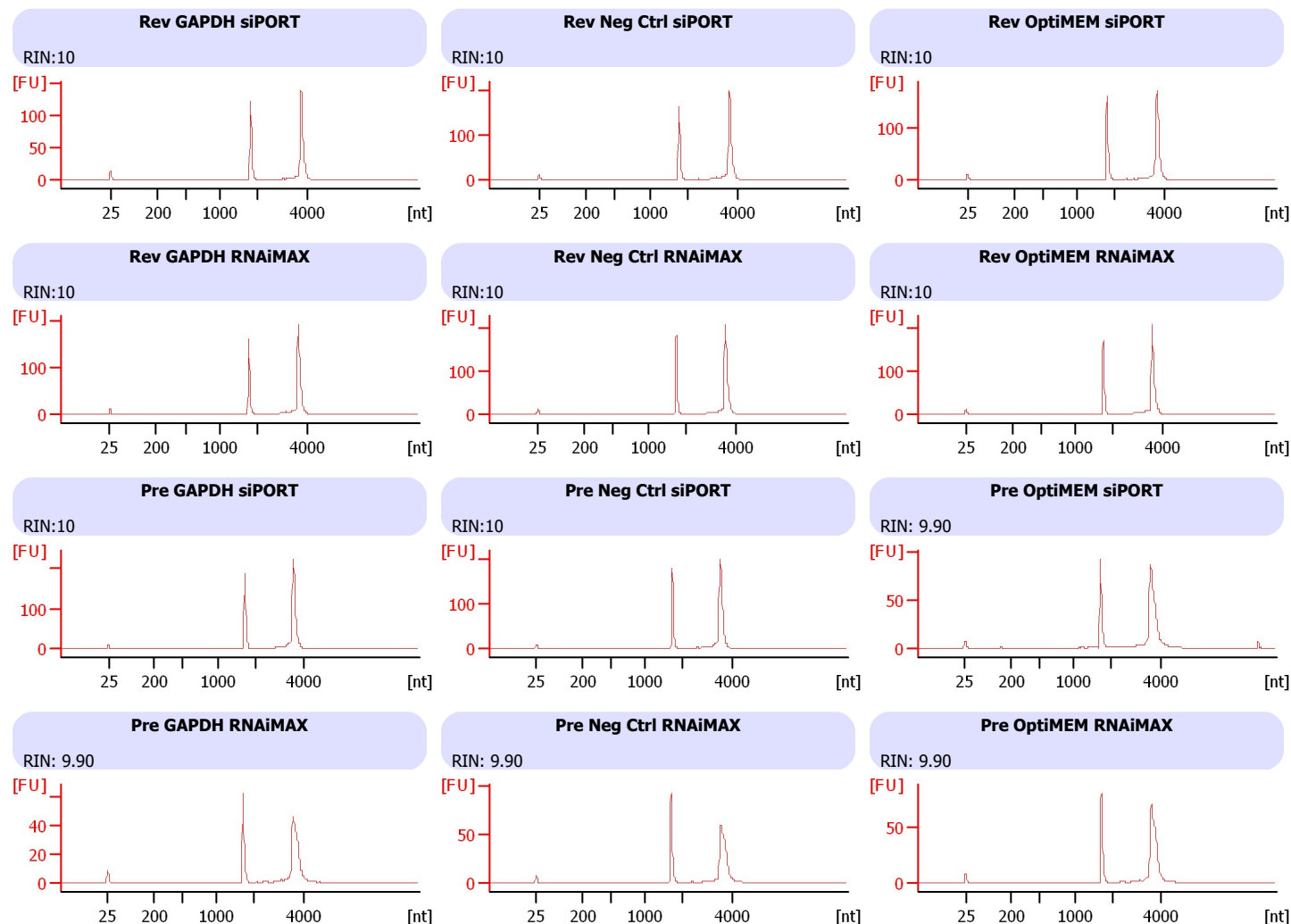
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-18_15-07-56.xad

Created: 6/18/2012 3:07:55 PM
Modified: 6/18/2012 3:31:52 PM

Electrophoresis File Run Summary (Chip Summary)

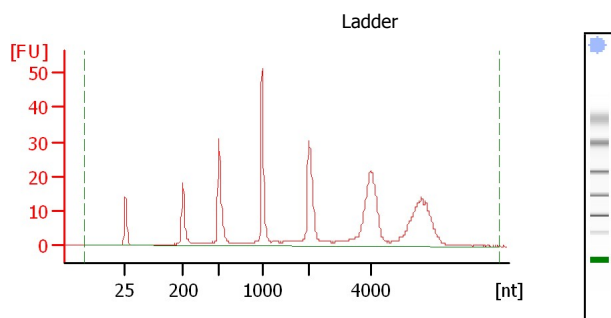
Sample Name	Sample Comment	Status	Result Label	Result Color
Rev GAPDH siPORT		✓	RIN:10	
Rev Neg Ctrl siPORT		✓	RIN:10	
Rev OptiMEM siPORT		✓	RIN:10	
Rev GAPDH RNAiMAX		✓	RIN:10	
Rev Neg Ctrl RNAiMAX		✓	RIN:10	
Rev OptiMEM RNAiMAX		✓	RIN:10	
Pre GAPDH siPORT		✓	RIN:10	
Pre Neg Ctrl siPORT		✓	RIN:10	
Pre OptiMEM siPORT		✓	RIN: 9.90	
Pre GAPDH RNAiMAX		✓	RIN: 9.90	
Pre Neg Ctrl RNAiMAX		✓	RIN: 9.90	
Pre OptiMEM RNAiMAX		✓	RIN: 9.90	
Ladder		✓	All Other Samples	

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

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...\Eukaryote Total RNA Nano_DE24802235_2012-06-18_15-07-56.xad

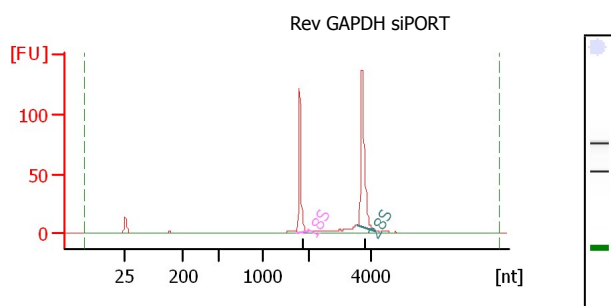
Created: 6/18/2012 3:07:55 PM
Modified: 6/18/2012 3:31:52 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 350.2
RNA Concentration: 150 ng/μl
Result Flagging Color:
Result Flagging Label: All Other Samples



Overall Results for sample 1 : Rev GAPDH siPORT

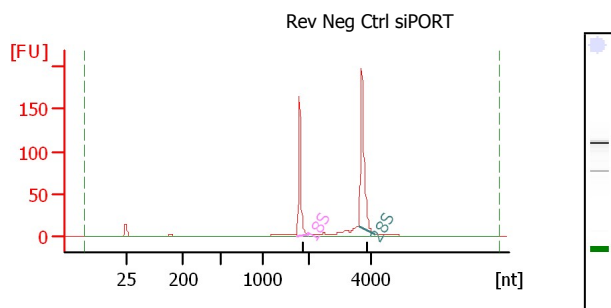
RNA Area: 290.8
RNA Concentration: 125 ng/μl
rRNA Ratio [28s / 18s]: 1.5
RNA Integrity Number (RIN): 10 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:10

Fragment table for sample 1 : Rev GAPDH siPORT

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,750	2,013	84.9	29.2
28S	3,540	4,148	126.5	43.5

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-18_15-07-56.xad

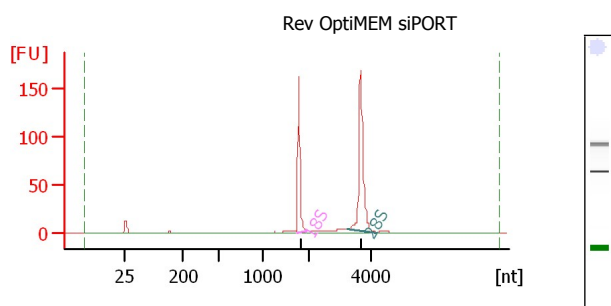
Created: 6/18/2012 3:07:55 PM
Modified: 6/18/2012 3:31:52 PM

Electropherogram Summary Continued ...**Overall Results for sample 2 : Rev Neg Ctrl siPORT**

RNA Area: 413.5
RNA Concentration: 177 ng/μl
rRNA Ratio [28s / 18s]: 1.5
RNA Integrity Number (RIN): 10 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:10

Fragment table for sample 2 : Rev Neg Ctrl siPORT

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,733	1,992	117.8	28.5
28S	3,565	4,091	172.8	41.8

**Overall Results for sample 3 : Rev OptiMEM siPORT**

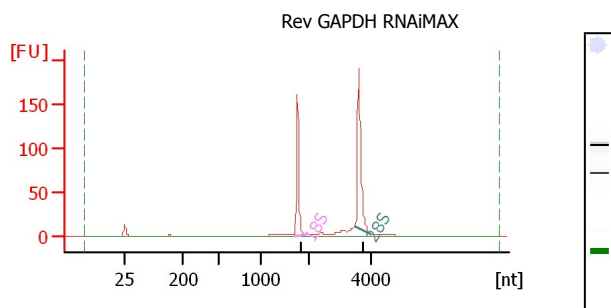
RNA Area: 386.0
RNA Concentration: 165 ng/μl
rRNA Ratio [28s / 18s]: 1.7
RNA Integrity Number (RIN): 10 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:10

Fragment table for sample 3 : Rev OptiMEM siPORT

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,732	1,973	113.0	29.3
28S	3,243	4,202	188.5	48.8

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-18_15-07-56.xad

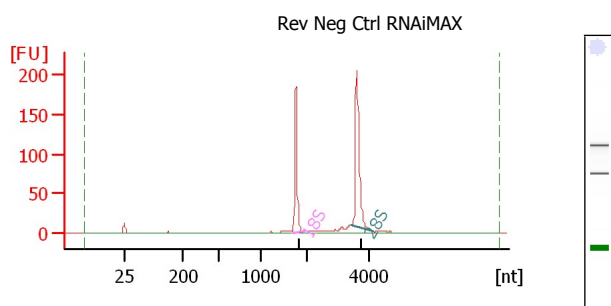
Created: 6/18/2012 3:07:55 PM
Modified: 6/18/2012 3:31:52 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : Rev GAPDH RNAiMAX**

RNA Area: 388.2
RNA Concentration: 166 ng/μl
rRNA Ratio [28s / 18s]: 1.4
RNA Integrity Number (RIN): 10 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:10

Fragment table for sample 4 : Rev GAPDH RNAiMAX

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,721	1,954	113.1	29.1
28S	3,528	4,016	162.2	41.8

**Overall Results for sample 5 : Rev Neg Ctrl RNAiMAX**

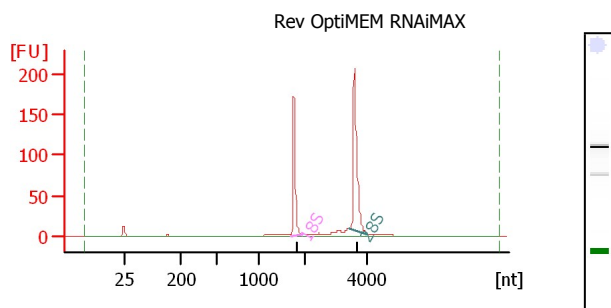
RNA Area: 424.1
RNA Concentration: 182 ng/μl
rRNA Ratio [28s / 18s]: 1.5
RNA Integrity Number (RIN): 10 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:10

Fragment table for sample 5 : Rev Neg Ctrl RNAiMAX

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,702	1,962	129.5	30.5
28S	3,408	4,100	191.7	45.2

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-18_15-07-56.xad

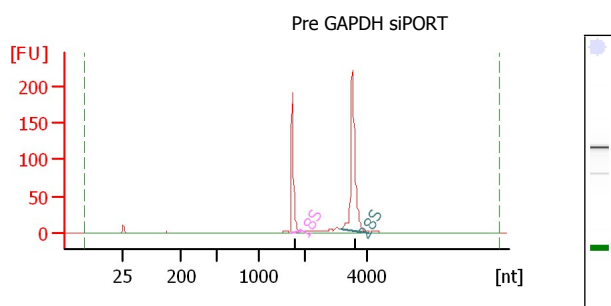
Created: 6/18/2012 3:07:55 PM
Modified: 6/18/2012 3:31:52 PM

Electropherogram Summary Continued ...**Overall Results for sample 6 : Rev OptiMEM RNAiMAX**

RNA Area: 416.6
RNA Concentration: 178 ng/μl
rRNA Ratio [28s / 18s]: 1.5
RNA Integrity Number (RIN): 10 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:10

Fragment table for sample 6 : Rev OptiMEM RNAiMAX

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,699	1,933	121.6	29.2
28S	3,411	4,010	187.6	45.0

**Overall Results for sample 7 : Pre GAPDH siPORT**

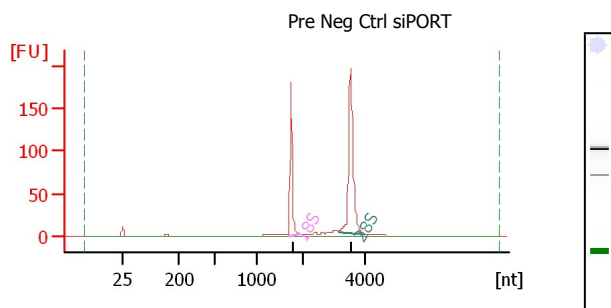
RNA Area: 470.0
RNA Concentration: 201 ng/μl
rRNA Ratio [28s / 18s]: 1.9
RNA Integrity Number (RIN): 10 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:10

Fragment table for sample 7 : Pre GAPDH siPORT

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,679	1,905	132.4	28.2
28S	3,167	4,081	248.8	52.9

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-18_15-07-56.xad

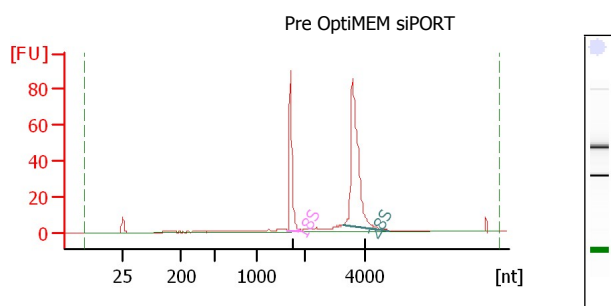
Created: 6/18/2012 3:07:55 PM
Modified: 6/18/2012 3:31:52 PM

Electropherogram Summary Continued ...**Overall Results for sample 8 : Pre Neg Ctrl siPORT**

RNA Area: 451.8
RNA Concentration: 193 ng/μl
rRNA Ratio [28s / 18s]: 1.8
RNA Integrity Number (RIN): 10 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:10

Fragment table for sample 8 : Pre Neg Ctrl siPORT

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,685	1,902	125.5	27.8
28S	3,155	4,019	229.0	50.7

**Overall Results for sample 9 : Pre OptiMEM siPORT**

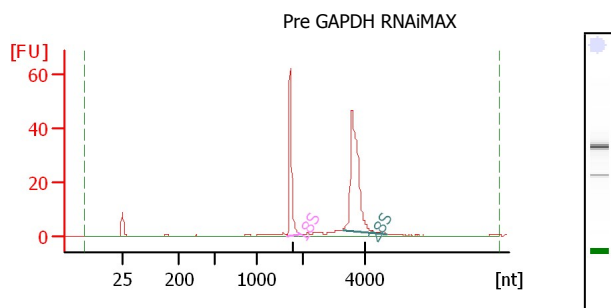
RNA Area: 302.4
RNA Concentration: 129 ng/μl
rRNA Ratio [28s / 18s]: 2.1
RNA Integrity Number (RIN): 9.9 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 9.90

Fragment table for sample 9 : Pre OptiMEM siPORT

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,641	1,949	77.9	25.8
28S	3,263	4,755	159.8	52.8

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...\Eukaryote Total RNA Nano_DE24802235_2012-06-18_15-07-56.xad

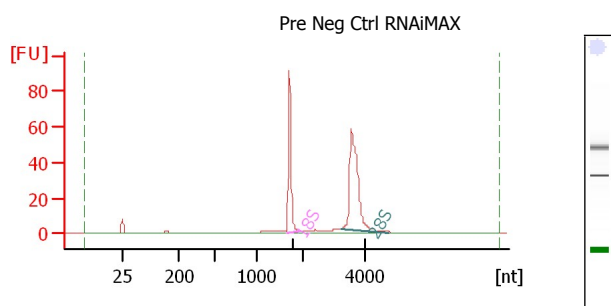
Created: 6/18/2012 3:07:55 PM
Modified: 6/18/2012 3:31:52 PM

Electropherogram Summary Continued ...**Overall Results for sample 10 : Pre GAPDH RNAiMAX**

RNA Area: 180.4
RNA Concentration: 77 ng/μl
rRNA Ratio [28s / 18s]: 1.8
RNA Integrity Number (RIN): 9.9 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 9.90

Fragment table for sample 10 : Pre GAPDH RNAiMAX

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,658	1,948	50.9	28.2
28S	3,278	4,745	92.1	51.1

**Overall Results for sample 11 : Pre Neg Ctrl RNAiMAX**

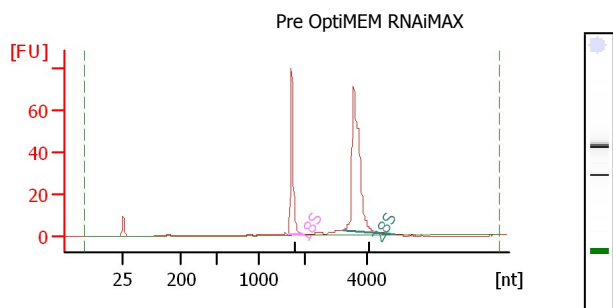
RNA Area: 244.1
RNA Concentration: 105 ng/μl
rRNA Ratio [28s / 18s]: 1.6
RNA Integrity Number (RIN): 9.9 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 9.90

Fragment table for sample 11 : Pre Neg Ctrl RNAiMAX

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,640	1,939	77.7	31.8
28S	3,251	4,814	122.2	50.1

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-18_15-07-56.xad

Created: 6/18/2012 3:07:55 PM
Modified: 6/18/2012 3:31:52 PM

Electropherogram Summary Continued ...**Overall Results for sample 12 : Pre OptiMEM RNAiMAX**

RNA Area: 242.6
RNA Concentration: 104 ng/μl
rRNA Ratio [28s / 18s]: 2.1
RNA Integrity Number (RIN): 9.9 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 9.90

Fragment table for sample 12 : Pre OptiMEM RNAiMAX

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,652	1,968	66.0	27.2
28S	3,221	4,955	138.1	56.9

Assay Class: Eukaryote Total RNA Nano
Data Path: D:\...Eukaryote Total RNA Nano_DE24802235_2012-06-18_15-07-56.xad

Created: 6/18/2012 3:07:55 PM
Modified: 6/18/2012 3:31:52 PM

Curves

Standard Curve

