

Assay Class: Prokaryote Total RNA Nano
Data Path: C:\...analyzer\2100 expert\data\2025-09-24\noVA1399_SKA2_SKA3.xad

Created: 9/24/2025 1:18:52 PM
Modified: 9/24/2025 1:49:10 PM

Electrophoresis File Run Summary

Instrument Information:

Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Prokaryote Total RNA Nano Series II.xsy

Assay Class: Prokaryote Total RNA Nano

Version: 2.5

Assay Comments: Total RNA Analysis ng sensitivity (Prokaryote)

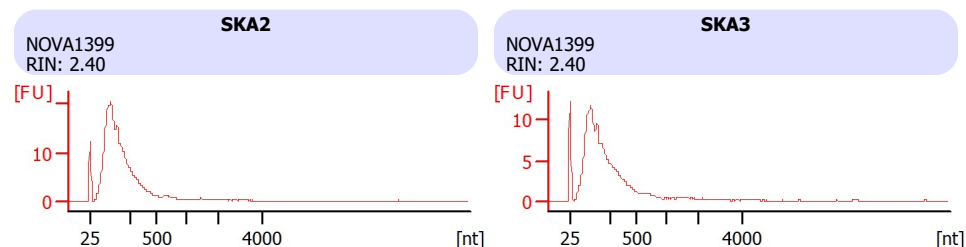
© Copyright 2003 - 2009 Agilent Technologies, Inc.

Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Prokaryote Total RNA Nano
Data Path: C:\...analyzer\2100 expert\data\2025-09-24\noVA1399_SKA2_SKA3.xad

Created: 9/24/2025 1:18:52 PM
Modified: 9/24/2025 1:49:10 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
SKA2	NOVA1399	✓	RIN: 2.40	
SKA3	NOVA1399	✓	RIN: 2.40	
Ladder		✓	All Other Samples	

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

Assay Class: Prokaryote Total RNA Nano
Data Path: C:\...analyzer\2100 expert\data\2025-09-24\noVA1399_SKA2_SKA3.xad

Created: 9/24/2025 1:18:52 PM
Modified: 9/24/2025 1:49:10 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
Minimum Visible Range [s] : 17
Maximum Visible Range [s] : 70
Start Analysis Time Range [s] : 19
End Analysis Time Range [s] : 69
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] : 19
Integration End Time [s] : 69
Slope Threshold : 0.6
Height Threshold [FU] : 0.5
Area Threshold : 0.2
Width Threshold [s] : 0.5
Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

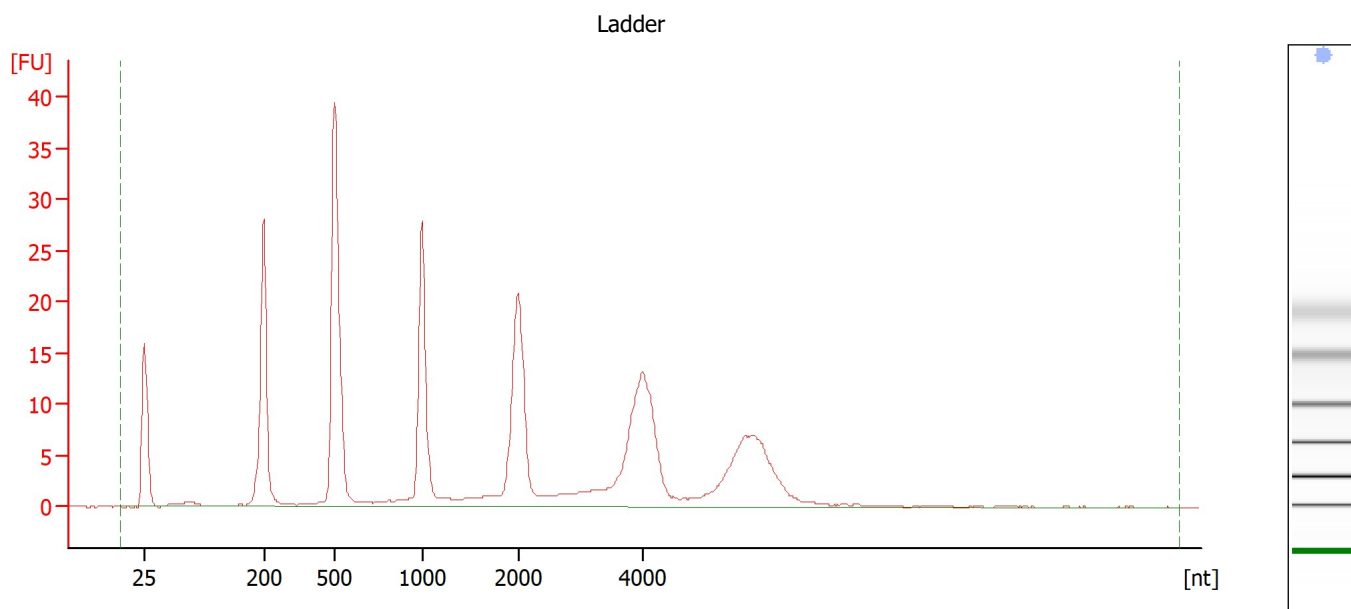
Ladder

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

Assay Class: Prokaryote Total RNA Nano
Data Path: C:\...analyzer\2100 expert\data\2025-09-24\noVA1399_SKA2_SKA3.xad

Created: 9/24/2025 1:18:52 PM
Modified: 9/24/2025 1:49:10 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 273.6

Result Flagging Color:



RNA Concentration: 150 ng/μl

Result Flagging Label:

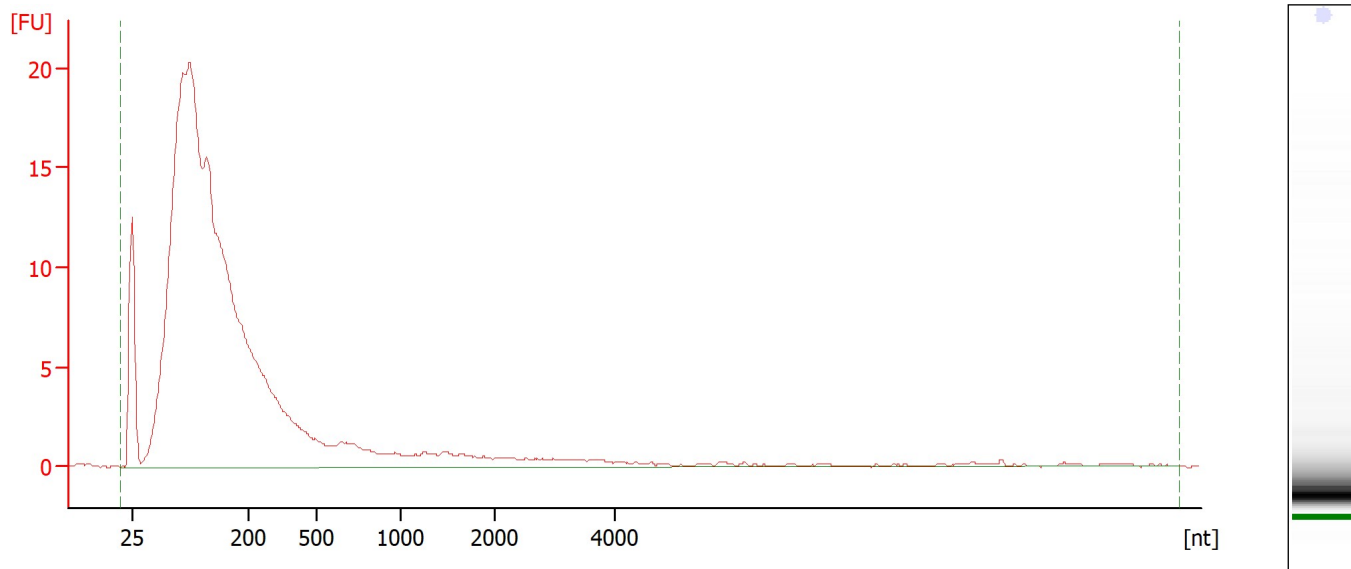
All Other Samples

Assay Class: Prokaryote Total RNA Nano
Data Path: C:\...analyzer\2100 expert\data\2025-09-24\noVA1399_SKA2_SKA3.xad

Created: 9/24/2025 1:18:52 PM
Modified: 9/24/2025 1:49:10 PM

Electropherogram Summary Continued ...

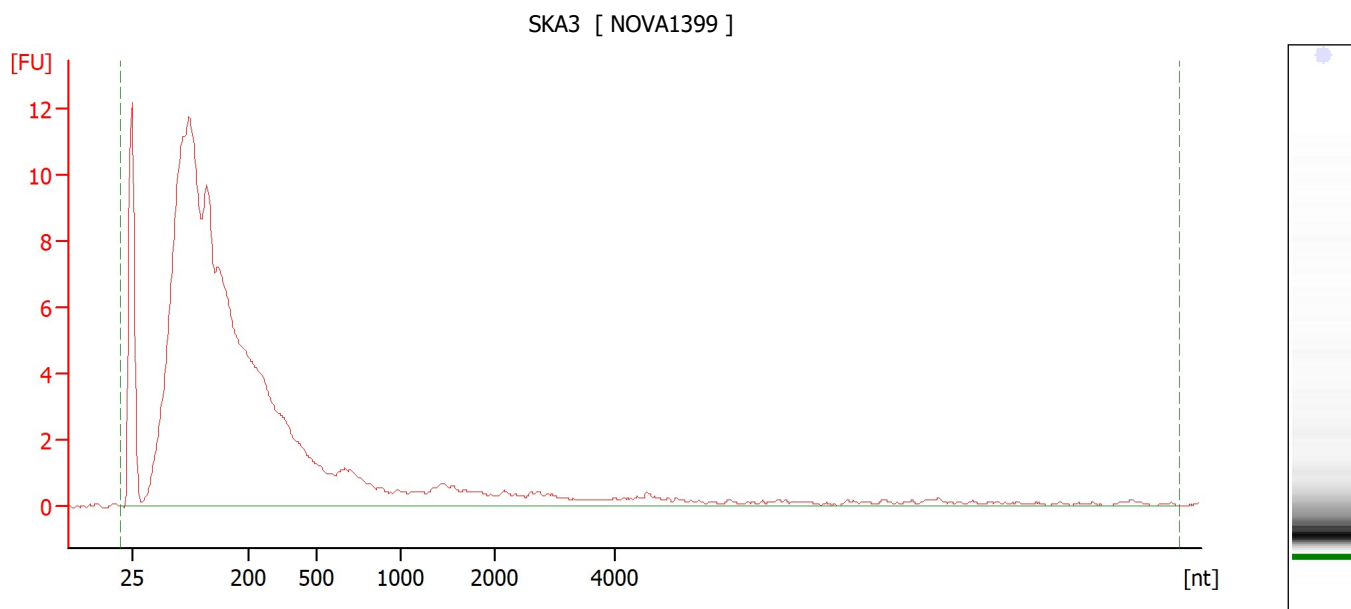
SKA2 [NOVA1399]

**Overall Results for sample 11 : SKA2**

RNA Area:	297.4	RNA Integrity Number (RIN):	2.4 (B.02.10)
RNA Concentration:	163 ng/μl	Result Flagging Color:	
rRNA Ratio [23s / 16s]:	0.0	Result Flagging Label:	RIN: 2.40

Assay Class: Prokaryote Total RNA Nano
Data Path: C:\...analyzer\2100 expert\data\2025-09-24\noVA1399_SKA2_SKA3.xad

Created: 9/24/2025 1:18:52 PM
Modified: 9/24/2025 1:49:10 PM

Electropherogram Summary Continued ...**Overall Results for sample 12 : SKA3**

RNA Area:	195.7	RNA Integrity Number (RIN):	2.4 (B.02.10)
RNA Concentration:	107 ng/μl	Result Flagging Color:	
rRNA Ratio [23s / 16s]:	0.0	Result Flagging Label:	RIN: 2.40

Assay Class: Prokaryote Total RNA Nano
Data Path: C:\...analyzer\2100 expert\data\2025-09-24\noVA1399_SKA2_SKA3.xad

Created: 9/24/2025 1:18:52 PM
Modified: 9/24/2025 1:49:10 PM

Gel Image

Assay Class: Prokaryote Total RNA Nano
 Data Path: C:\...analyzer\2100 expert\data\2025-09-24\noVA1399_SKA2_SKA3.xad

Created: 9/24/2025 1:18:52 PM
 Modified: 9/24/2025 1:49:10 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 13)		Instrument	Run		9/24/2025 1:41:55 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\data\2025-09-24\Bioanalyzer1_Prokaryote Total RNA Nano_DE34903152_2025-09-24_001.xad)		Instrument	Run		9/24/2025 1:18:58 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		9/24/2025 1:18:58 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		9/24/2025 1:18:58 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		9/24/2025 1:18:58 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		9/24/2025 1:18:58 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		9/24/2025 1:18:58 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		9/24/2025 1:18:58 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB