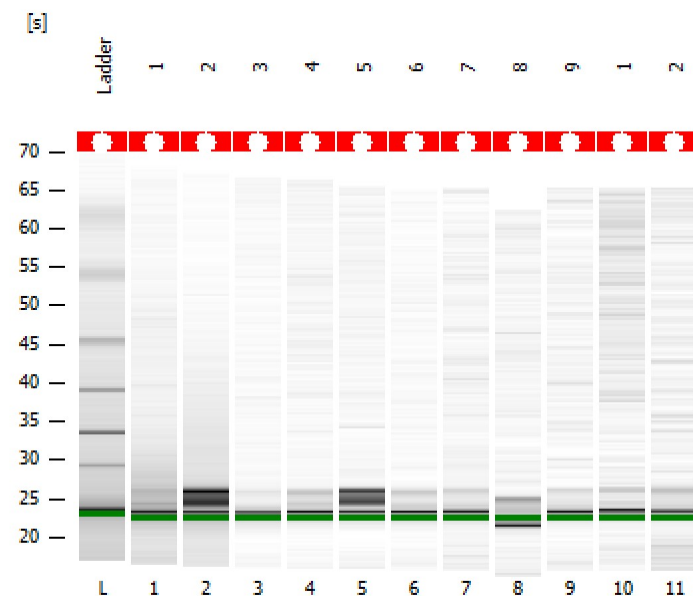


Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE13805698_2024-08-01_15-41-20.xad

Created: 01/08/2024 15:41:20
Modified: 01/08/2024 16:04:17

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13805698
Serial#: DE13805698

Firmware: C.01.069
Type: G2938C

Assay Information:

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

Assay Class: Prokaryote Total RNA Pico

Version: 2.5

Assay Comments: Total RNA Analysis pg sensitivity (Prokaryote)

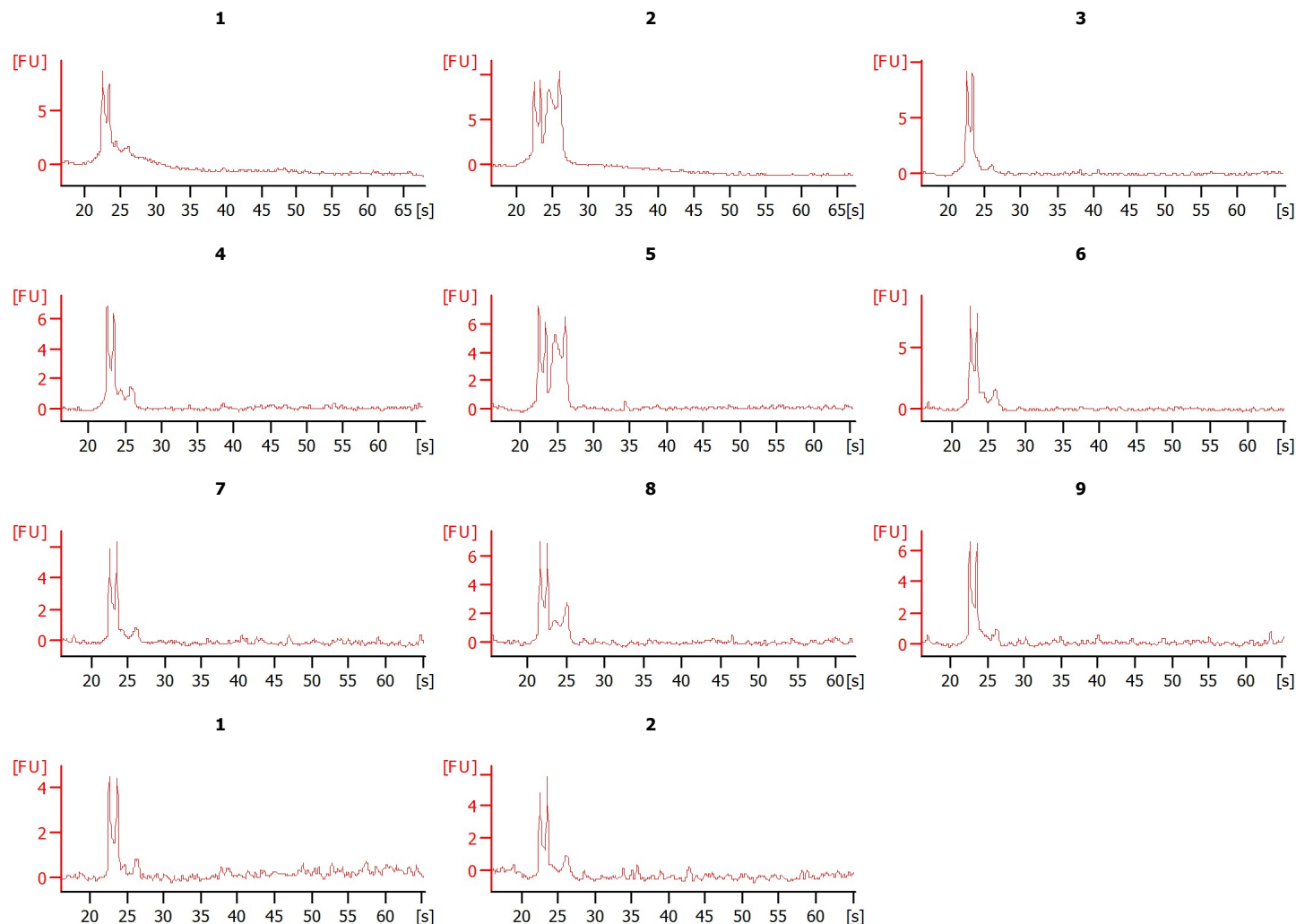
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE13805698_2024-08-01_15-41-20.xad

Created: 01/08/2024 15:41:20
Modified: 01/08/2024 16:04:17

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Stat Result Label	Result Color
1		us	✓
2			✓
3			✓
4			✓
5			✓
6			✓
7			✓
8			✓
9			✓
1			✓
2			✓
Ladder			✓

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE13805698_2024-08-01_15-41-20.xad

Created: 01/08/2024 15:41:20
Modified: 01/08/2024 16:04:17

Electrophoresis Assay Details

General Analysis Settings

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

Minimum Visible Range [s] : 17

Maximum Visible Range [s] : 70

Start Analysis Time Range [s] : 18

End Analysis Time Range [s] : 69

Ladder Concentration [pg/ μ l] : 1000

Lower Marker Concentration [pg/ μ l] : 0

Upper Marker Concentration [pg/ μ l] : 0

Used Lower Marker for Quantitation

Standard Curve Fit is Logarithmic

Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 18

Integration End Time [s] : 69

Slope Threshold : 0,6

Height Threshold [FU] : 0,5

Area Threshold : 0,2

Width Threshold [s] : 0,3

Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0,5

Polynomial Order : 4

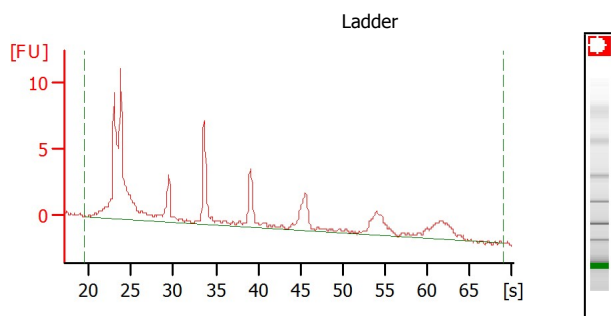
Ladder

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

Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE13805698_2024-08-01_15-41-20.xad

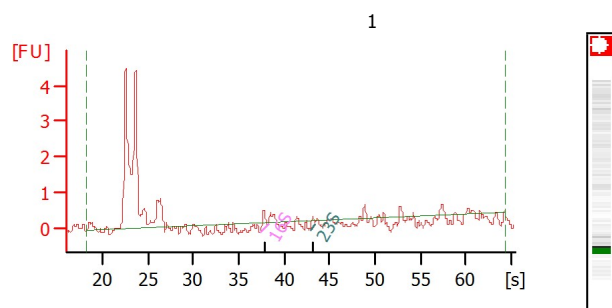
Created: 01/08/2024 15:41:20
Modified: 01/08/2024 16:04:17

Electropherogram Summary



Overall Results for Ladder

RNA Area: 98,9
RNA Concentration: 1.000 pg/μl

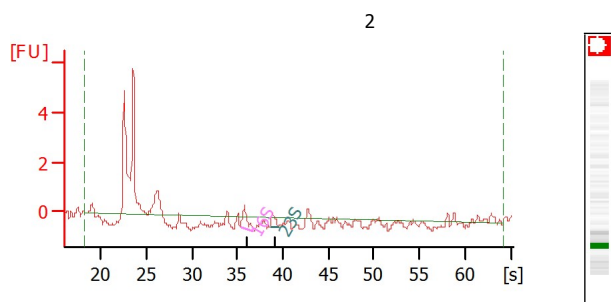


Overall Results for sample 10 : 1

RNA Area: 16,3
RNA Concentration: 165 pg/μl
rRNA Ratio [23s / 16s]: 0,3
RNA Integrity Number (RIN): 3 (B.02.08)

Fragment table for sample 10 : 1

Name	Start Time [s]	End Time [s]	Area	% of total Area
16S	37,39	38,23	0,6	3,4
23S	42,95	43,37	0,2	0,9



Overall Results for sample 11 : 2

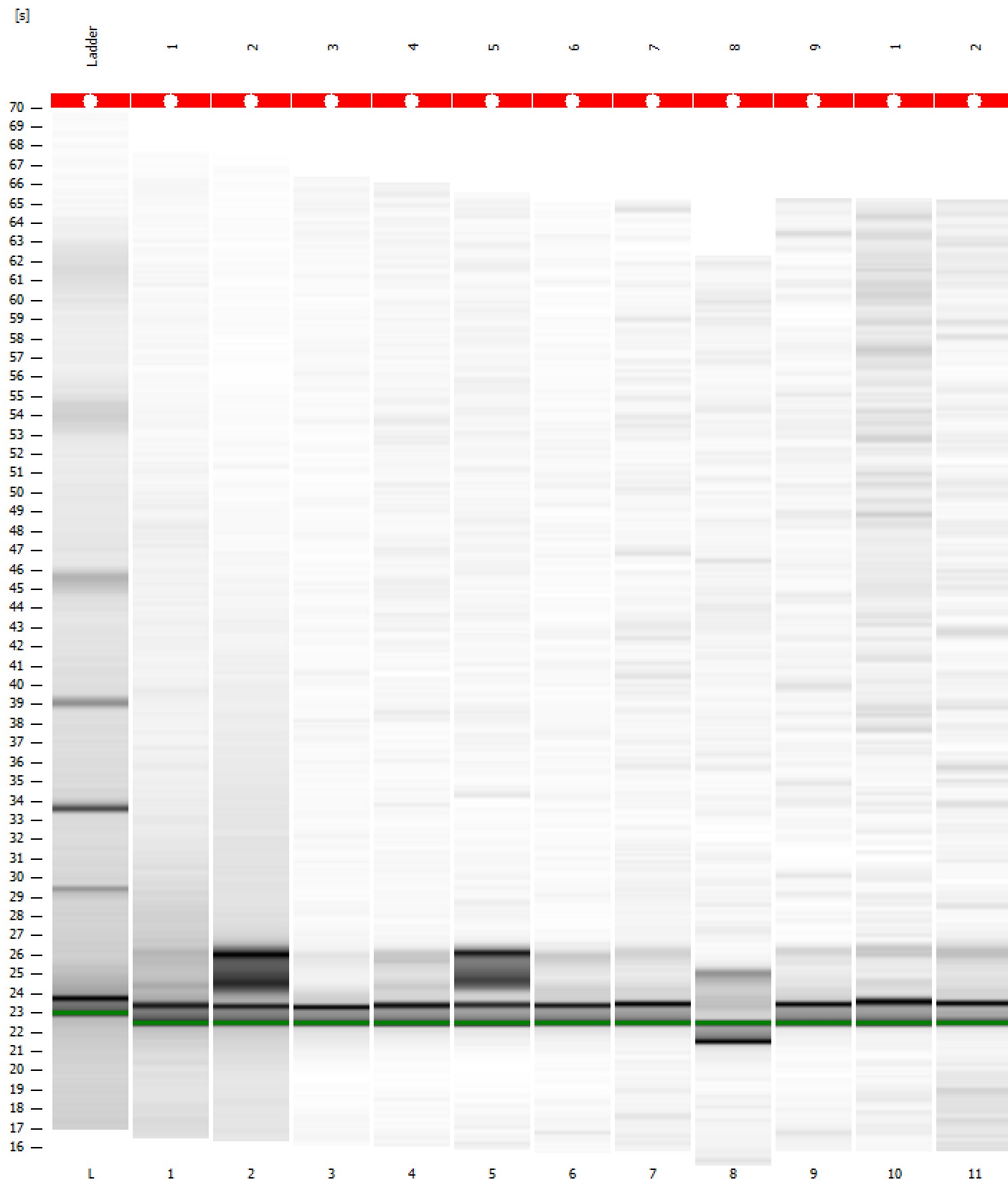
RNA Area: 14,7
RNA Concentration: 149 pg/μl
rRNA Ratio [23s / 16s]: 0,4
RNA Integrity Number (RIN): N/A (B.02.08)

Fragment table for sample 11 : 2

Name	Start Time [s]	End Time [s]	Area	% of total Area
16S	35,26	36,66	1,5	10,0
23S	38,57	39,46	0,6	4,3

Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE13805698_2024-08-01_15-41-20.xad

Created: 01/08/2024 15:41:20
Modified: 01/08/2024 16:04:17

Gel Image

Assay Class: Prokaryote Total RNA Pico Created: 01/08/2024 15:41:20
Data Path: C:\...rokaryote Total RNA Pico_DE13805698_2024-08-01_15-41-20.xad Modified: 01/08/2024 16:04:17

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		01/08/2024 16:04:16	(GMT --03:00) E. South America Standard Time	Admin	CBIOT-HP
Run started on port 1 (File: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\Data\2024-08-01\2100 expert_Prokaryote Total RNA Pico_DE13805698_2024-08-01_15-41-20.xad)		Instrument	Run		01/08/2024 15:41:25	(GMT --03:00) E. South America Standard Time	Admin	CBIOT-HP
Product Number : G2938C		Instrument	Run		01/08/2024 15:41:25	(GMT --03:00) E. South America Standard Time	Admin	CBIOT-HP
Name :		Instrument	Run		01/08/2024 15:41:25	(GMT --03:00) E. South America Standard Time	Admin	CBIOT-HP
Vendor : Agilent Technologies		Instrument	Run		01/08/2024 15:41:25	(GMT --03:00) E. South America Standard Time	Admin	CBIOT-HP
Serial# : DE13805698		Instrument	Run		01/08/2024 15:41:25	(GMT --03:00) E. South America Standard Time	Admin	CBIOT-HP
Firmware : C.01.069		Instrument	Run		01/08/2024 15:41:25	(GMT --03:00) E. South America Standard Time	Admin	CBIOT-HP
Cartridge : Electrode		Instrument	Run		01/08/2024 15:41:25	(GMT --03:00) E. South America Standard Time	Admin	CBIOT-HP