

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...lyzer\2100 expert\data\2017-12-14\2017-12-14_004_RNA_QC.xad

Created: 12/14/2017 3:00:37 PM
Modified: 12/14/2017 3:24:50 PM

Electrophoresis File Run Summary

Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

Assay Information:

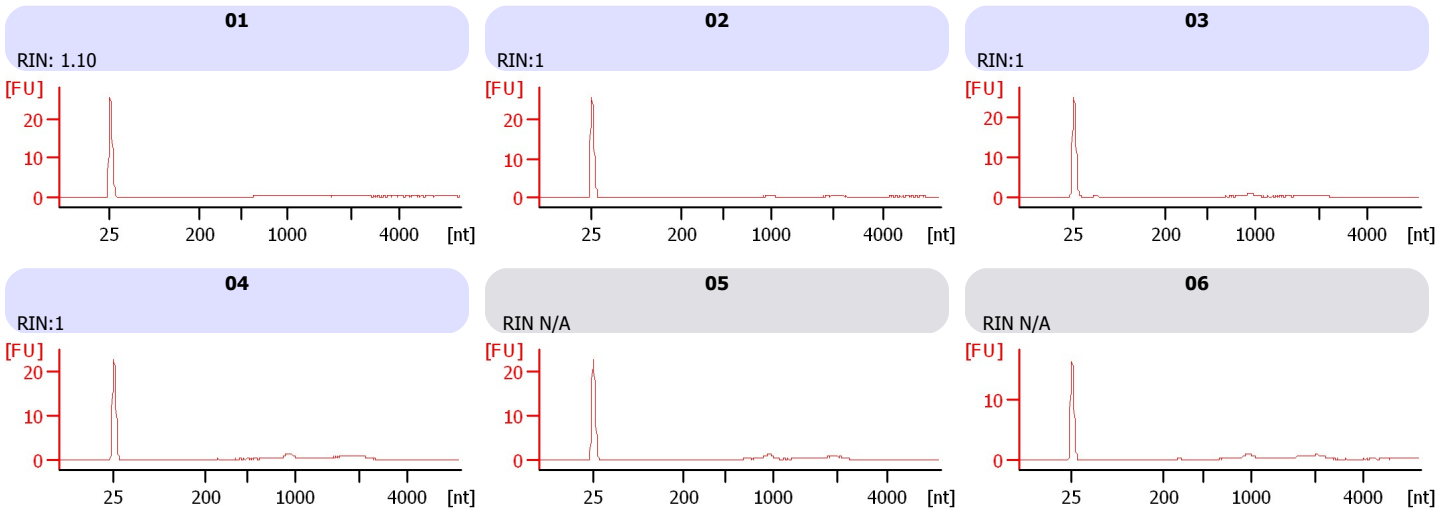
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy

Assay Class: Eukaryote Total RNA Pico
Version: 2.6
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)

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Chip Information:

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



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Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Status | Result Label | Result Color |
|-------------|----------------|--------|-------------------|--------------|
| 01 | | ✓ | RIN: 1.10 | |
| 02 | | ✓ | RIN:1 | |
| 03 | | ✓ | RIN:1 | |
| 04 | | ✓ | RIN:1 | |
| 05 | | ✓ | RIN N/A | |
| 06 | | ✓ | RIN N/A | |
| Ladder | | ✓ | All Other Samples | |

Chip Lot #

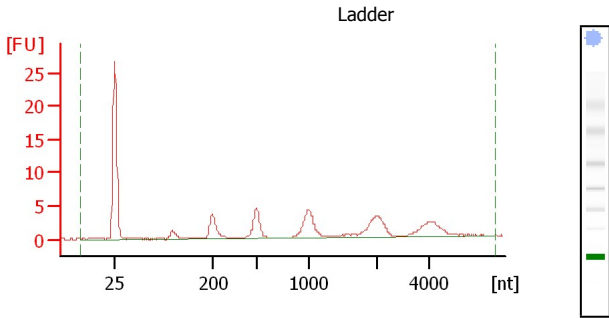
Reagent Kit Lot #

Chip Comments :

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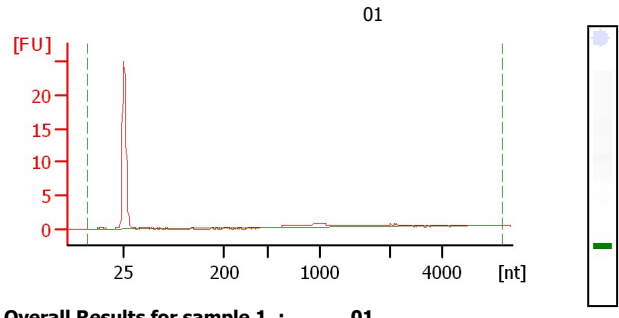
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Electropherogram Summary



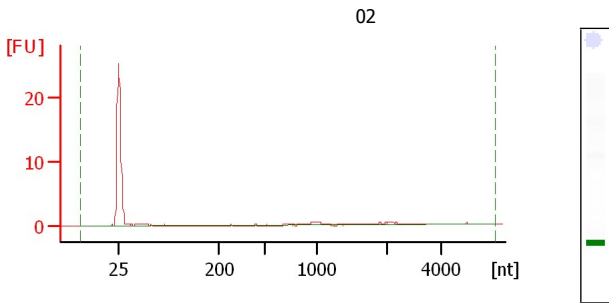
Overall Results for Ladder

| | |
|------------------------|---|
| RNA Area: | 56.9 |
| RNA Concentration: | 1,000 pg/μl |
| Result Flagging Color: | |
| Result Flagging Label: | All Other Samples |



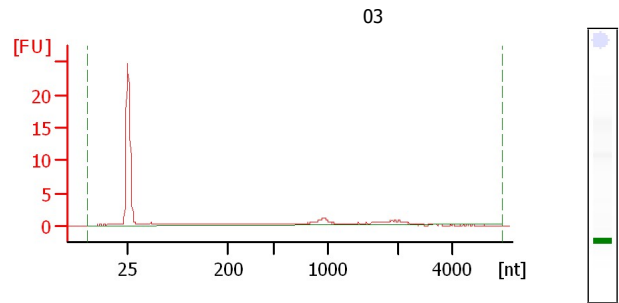
Overall Results for sample 1 : 01

| | |
|-----------------------------|---|
| RNA Area: | 9.4 |
| RNA Concentration: | 165 pg/μl |
| rRNA Ratio [28s / 18s]: | 0.0 |
| RNA Integrity Number (RIN): | 1.1 (B.02.08) |
| Result Flagging Color: | |
| Result Flagging Label: | RIN: 1.10 |



Overall Results for sample 2 : 02

| | |
|-----------------------------|---|
| RNA Area: | 9.7 |
| RNA Concentration: | 171 pg/μl |
| rRNA Ratio [28s / 18s]: | 0.0 |
| RNA Integrity Number (RIN): | 1 (B.02.08) |
| Result Flagging Color: | |
| Result Flagging Label: | RIN:1 |



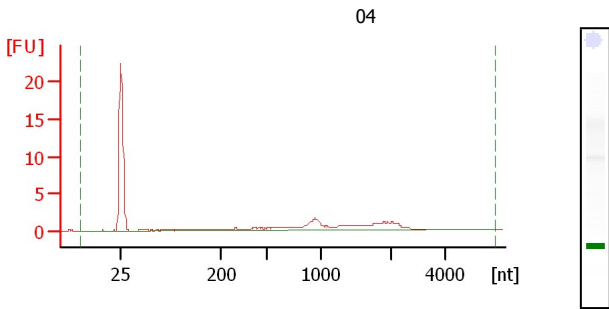
Overall Results for sample 3 : 03

| | |
|-----------------------------|---|
| RNA Area: | 32.0 |
| RNA Concentration: | 563 pg/μl |
| rRNA Ratio [28s / 18s]: | 0.0 |
| RNA Integrity Number (RIN): | 1 (B.02.08) |
| Result Flagging Color: | |
| Result Flagging Label: | RIN:1 |

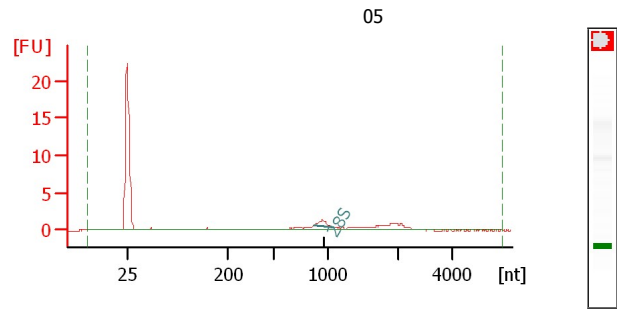
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Electropherogram Summary Continued ...



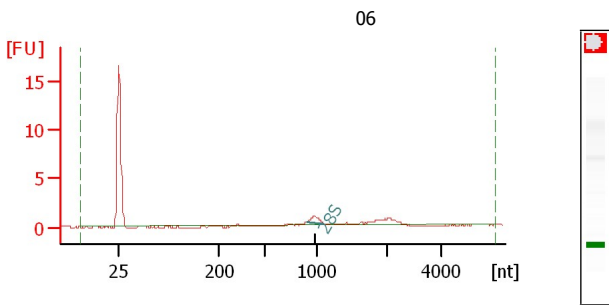
Overall Results for sample 4 : 04
 RNA Area: 31.3
 RNA Concentration: 551 pg/µl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 1 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN:1



Overall Results for sample 5 : 05
 RNA Area: 21.3
 RNA Concentration: 374 pg/µl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): N/A (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN N/A

Fragment table for sample 5 : 05

| Name | Start Size [nt] | End Size [nt] | Area | % of total Area |
|------|-----------------|---------------|------|-----------------|
| 28S | 883 | 1,102 | 1.9 | 9.0 |



Overall Results for sample 6 : 06
 RNA Area: 10.6
 RNA Concentration: 186 pg/µl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): N/A (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN N/A

Fragment table for sample 6 : 06

| Name | Start Size [nt] | End Size [nt] | Area | % of total Area |
|------|-----------------|---------------|------|-----------------|
| 28S | 894 | 1,067 | 1.5 | 14.1 |

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Gel Image