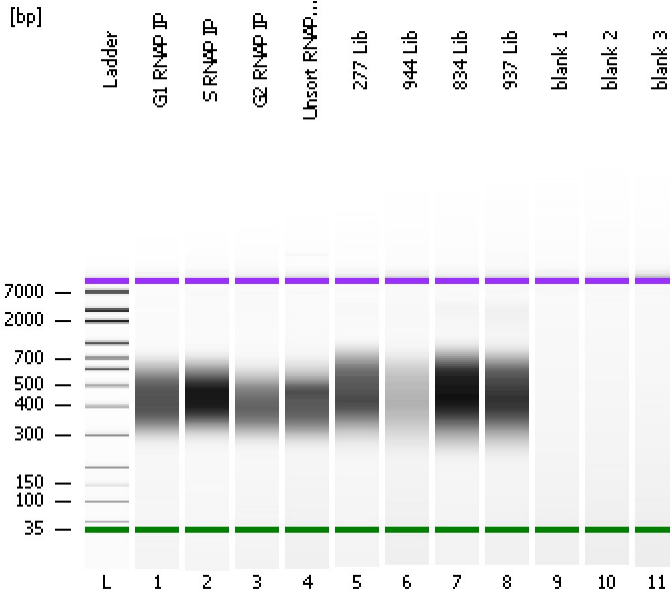


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-03\2018-04-03_002.xad

Created: 4/3/2018 11:31:49 AM
Modified: 4/3/2018 12:13:07 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\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
Assay Class: High Sensitivity DNA Assay
Version: 1.03
Assay Comments: Copyright © 2003-2010 Agilent Technologies

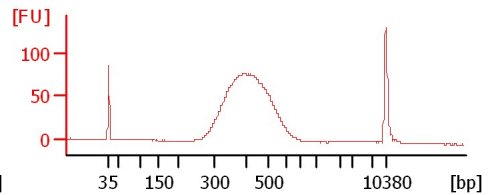
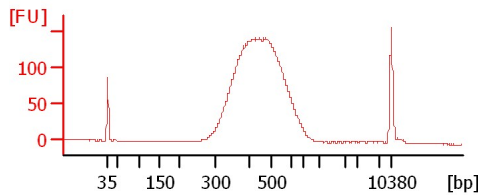
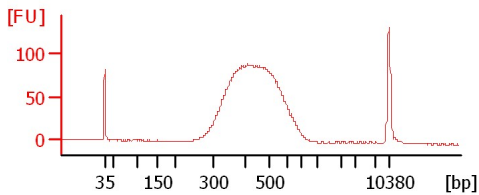
Chip Information:

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

G1 RNAP IP

S RNAP IP

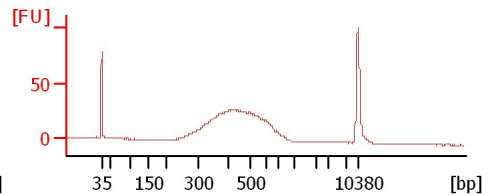
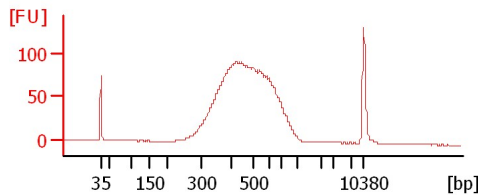
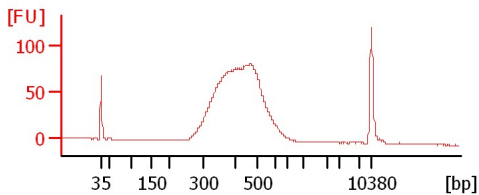
G2 RNAP IP



Unsort RNAP IP

277 Lib

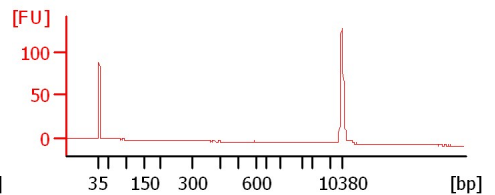
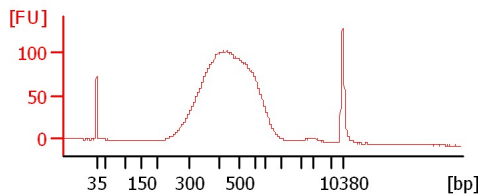
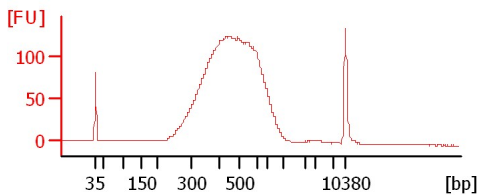
944 Lib



834 Lib

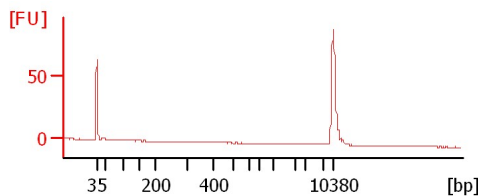
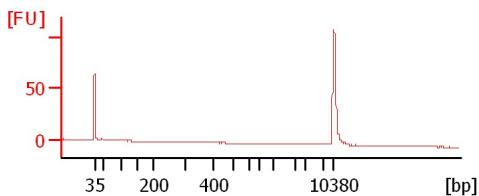
937 Lib

blank 1



blank 2

blank 3



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-03\2018-04-03_002.xad

Created: 4/3/2018 11:31:49 AM
Modified: 4/3/2018 12:13:07 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
G1 RNAP IP		<input type="checkbox"/>	✓			
S RNAP IP		<input type="checkbox"/>	✓			
G2 RNAP IP		<input type="checkbox"/>	✓			
Unsort RNAP IP		<input type="checkbox"/>	✓			
277 Lib		<input type="checkbox"/>	✓			
944 Lib		<input type="checkbox"/>	✓			
834 Lib		<input type="checkbox"/>	✓			
937 Lib		<input type="checkbox"/>	✓			
blank 1		<input type="checkbox"/>	✓			
blank 2		<input type="checkbox"/>	✓			
blank 3		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

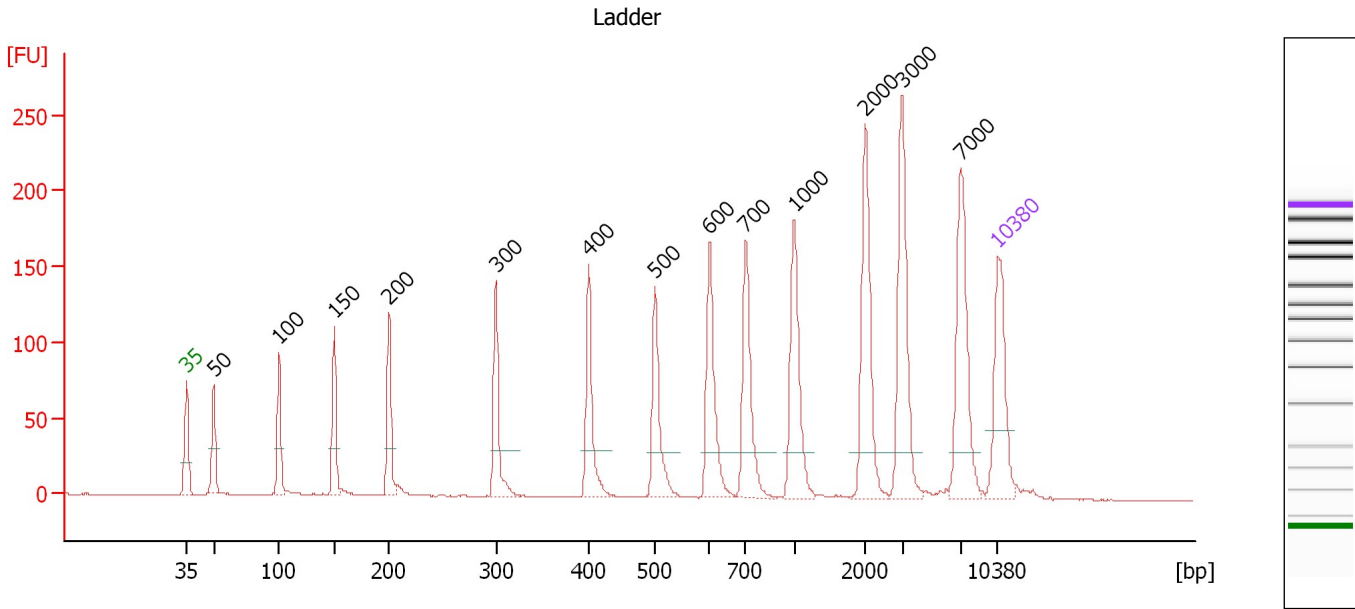
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-03\2018-04-03_002.xad

Created: 4/3/2018 11:31:49 AM
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Electropherogram Summary



Overall Results for Ladder

Noise: 0.3

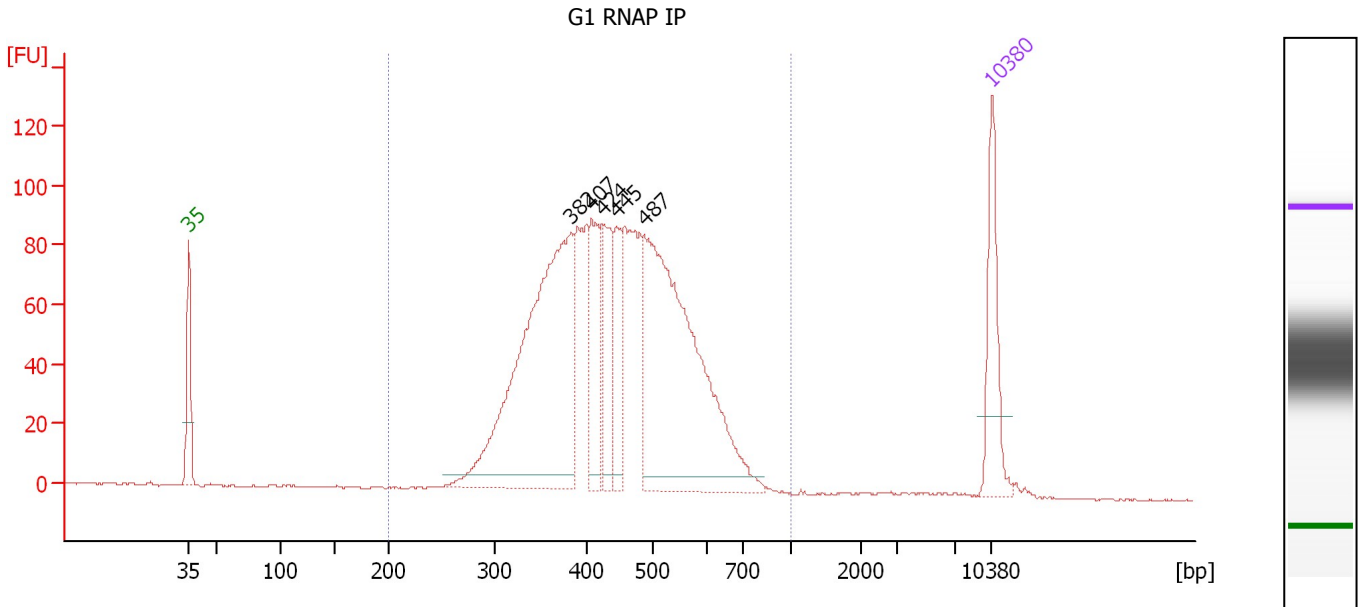
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	50	150.00	4,545.5	Ladder Peak	45.35
3	100	150.00	2,272.7	Ladder Peak	51.00
4	150	150.00	1,515.2	Ladder Peak	55.74
5	200	150.00	1,136.4	Ladder Peak	60.48
6	300	150.00	757.6	Ladder Peak	69.68
7	400	150.00	568.2	Ladder Peak	77.72
8	500	150.00	454.5	Ladder Peak	83.43
9	600	150.00	378.8	Ladder Peak	88.12
10	700	150.00	324.7	Ladder Peak	91.25
11	1,000	150.00	227.3	Ladder Peak	95.43
12	2,000	150.00	113.6	Ladder Peak	101.55
13	3,000	150.00	75.8	Ladder Peak	104.72
14	7,000	150.00	32.5	Ladder Peak	109.83
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-03\2018-04-03_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 1 : G1 RNAP IP

Number of peaks found: 5 Corr. Area 1: 1,860.1
 Noise: 0.3

Peak table for sample 1 : G1 RNAP IP

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	382	543.85	2,156.7		76.28
3	407	108.50	403.6		78.14
4	424	101.10	361.6		79.07
5	445	75.41	256.9		80.28
6	487	514.30	1,599.6		82.69
7	10,380	75.00	10.9	Upper Marker	113.00

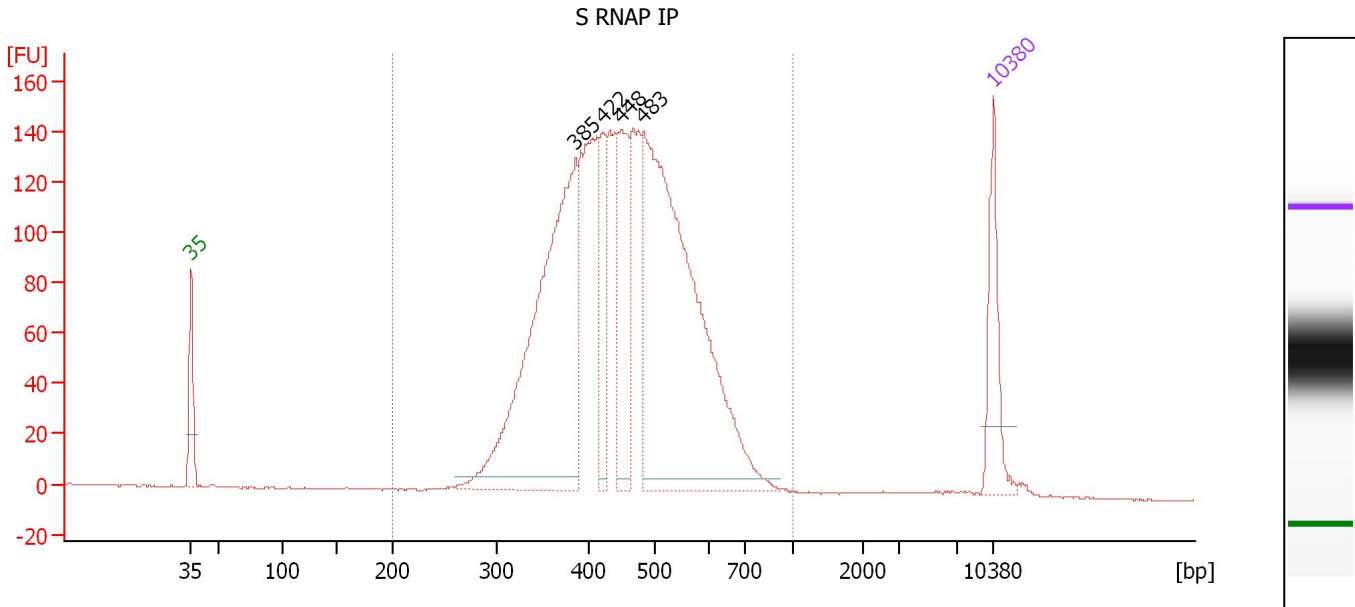
Region table for sample 1 : G1 RNAP IP

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	1,000	447	1,860.1	1,689.69	6,084.9	99	21.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-03\2018-04-03_002.xad

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 Modified: 4/3/2018 12:13:07 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : S RNAP IP

Number of peaks found: 4 Corr. Area 1: 2,717.0
 Noise: 0.2

Peak table for sample 2 : S RNAP IP

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	385	621.85	2,445.8		76.53
3	422	97.45	350.3		78.95
4	448	164.33	555.2		80.49
5	483	759.70	2,384.5		82.44
6	10,380	75.00	10.9	Upper Marker	113.00

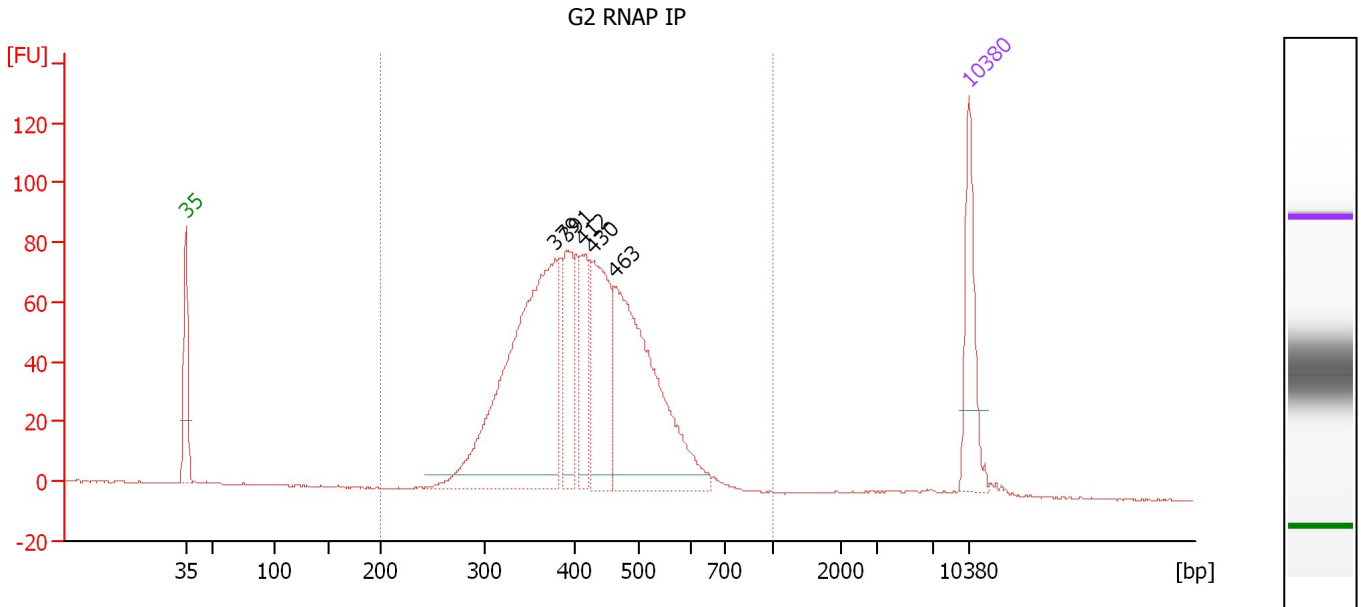
Region table for sample 2 : S RNAP IP

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	1,000	456	2,717.0	2,218.22	7,778.2	99	20.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-03\2018-04-03_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 3 : G2 RNAP IP

Number of peaks found: 5 Corr. Area 1: 1,415.1
 Noise: 0.3

Peak table for sample 3 : G2 RNAP IP

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	379	500.34	1,999.5		76.04
3	391	97.75	378.8		77.00
4	412	84.58	310.8		78.43
5	430	160.19	564.5		79.43
6	463	351.43	1,149.1		81.34
7	10,380	75.00	10.9	Upper Marker	113.00

Region table for sample 3 : G2 RNAP IP

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	421	1,415.1	1,328.79	5,007.6	98	19.3

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-03\2018-04-03_002.xad

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Gel Image

