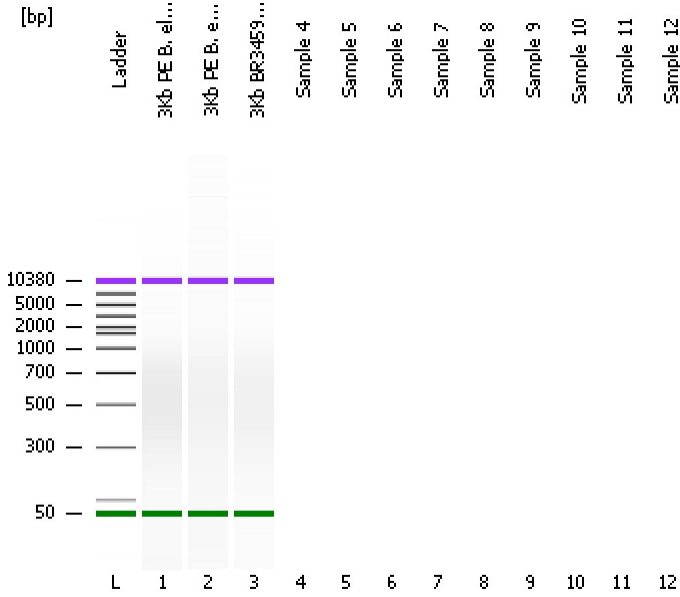


Assay Class: DNA 7500
Data Path: C:\...-29\2100 expert_DNA 7500_DE72905008_2011-03-29_16-39-50.xad

Created: 3/29/2011 4:39:50 PM
Modified: 3/29/2011 5:17:57 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE72905008 Firmware: C.01.069
Serial#: DE72905008 Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 7500 Series II.xsy

Assay Class: DNA 7500

Version: 2.3

Assay Comments: DNA Analysis 100 -7500 bp

© Copyright 2003-2009 Agilent Technologies, Inc.

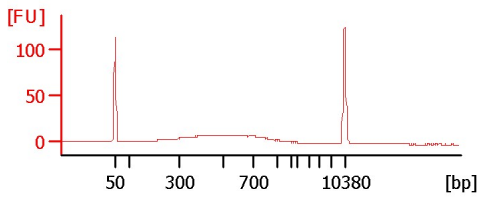
Chip Information:

Chip Lot #:

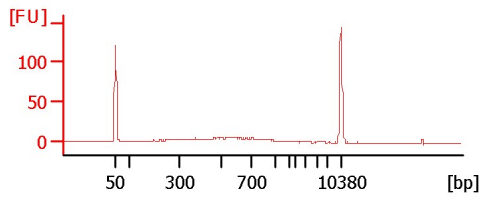
Reagent Kit Lot #:

Chip Comments:

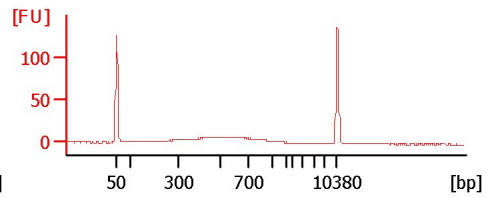
3Kb PE B. elkani Nebulized DNA



3Kb PE B. emersonii Nebulized DNA



3Kb BR3459a Nebulized DNA



Assay Class: DNA 7500
 Data Path: C:\...-29\2100 expert_DNA 7500_DE72905008_2011-03-29_16-39-50.xad

Created: 3/29/2011 4:39:50 PM
 Modified: 3/29/2011 5:17:57 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status Observations	Result Label	Result Color
3Kb PE B. elkani Nebulized DNA		<input type="checkbox"/>	✓		
3Kb PE B. emersonii Nebulized DNA		<input type="checkbox"/>	✓		
3Kb BR3459a Nebulized DNA		<input type="checkbox"/>	✓		
Sample 4		<input type="checkbox"/>			
Sample 5		<input type="checkbox"/>			
Sample 6		<input type="checkbox"/>			
Sample 7		<input type="checkbox"/>			
Sample 8		<input type="checkbox"/>			
Sample 9		<input type="checkbox"/>			
Sample 10		<input type="checkbox"/>			
Sample 11		<input type="checkbox"/>			
Sample 12		<input type="checkbox"/>			

Chip Lot #

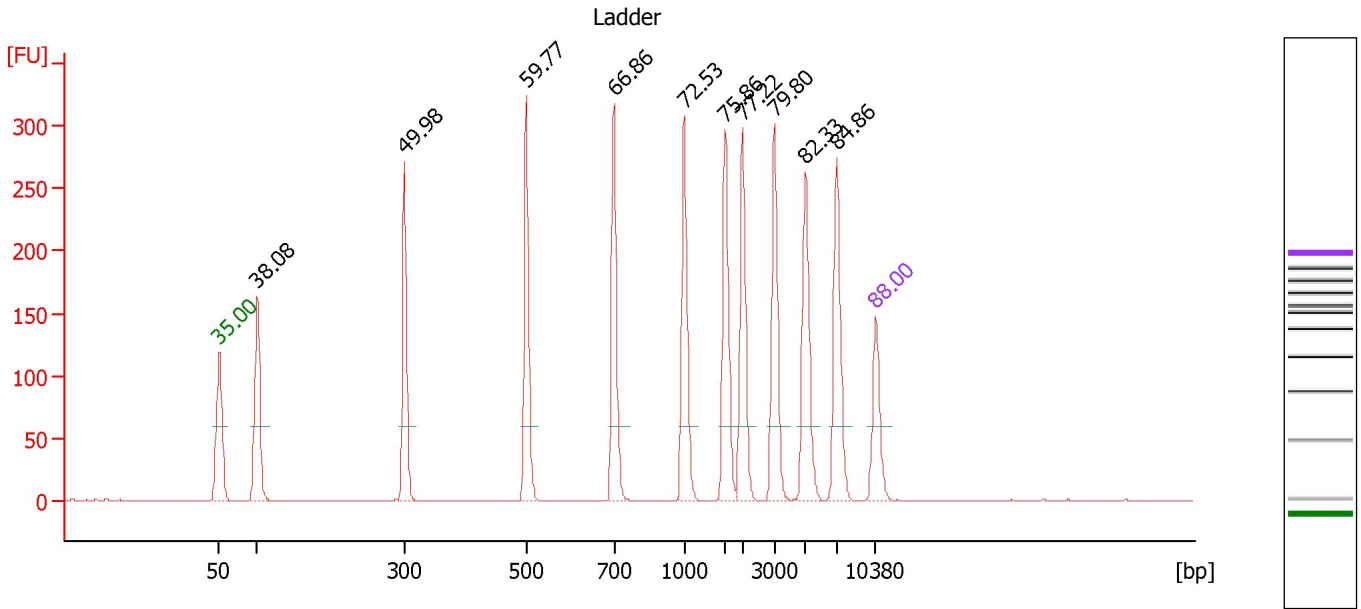
Reagent Kit Lot #

Chip Comments :

Assay Class: DNA 7500
 Data Path: C:\...-29\2100 expert_DNA 7500_DE72905008_2011-03-29_16-39-50.xad

Created: 3/29/2011 4:39:50 PM
 Modified: 3/29/2011 5:17:57 PM

Electropherogram Summary



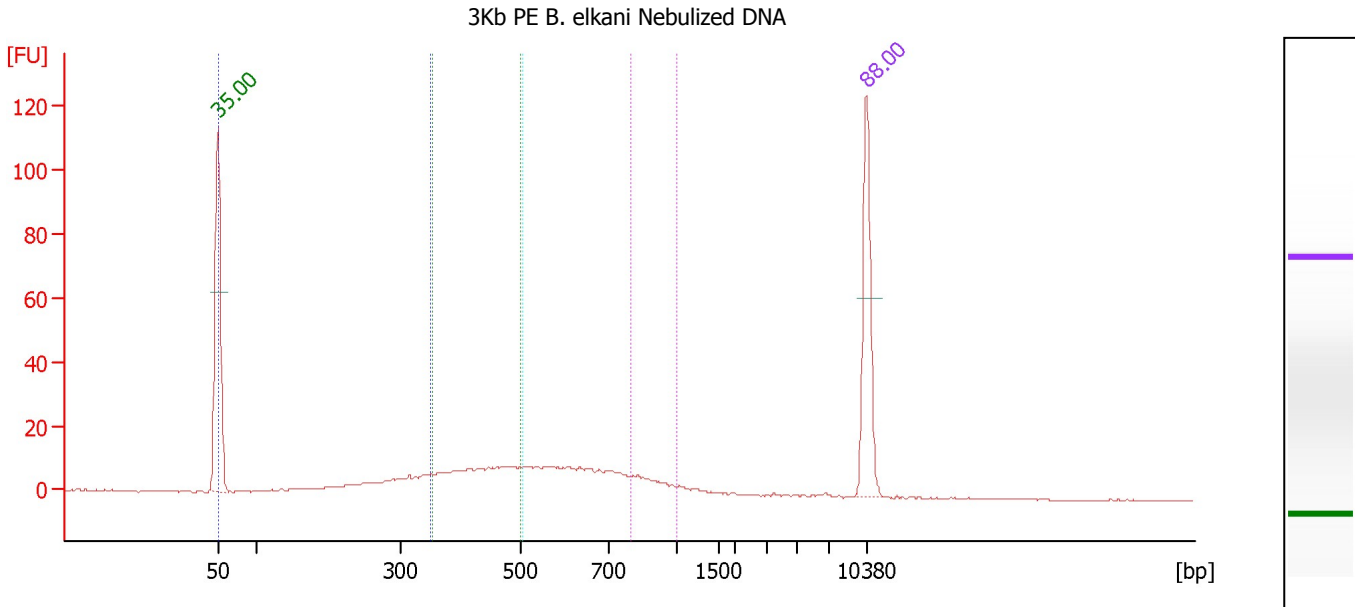
Peak table for Ladder

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	100	4.00	60.6	Ladder Peak
3	300	4.00	20.2	Ladder Peak
4	500	4.00	12.1	Ladder Peak
5	700	4.00	8.7	Ladder Peak
6	1,000	4.00	6.1	Ladder Peak
7	1,500	4.00	4.0	Ladder Peak
8	2,000	4.00	3.0	Ladder Peak
9	3,000	4.00	2.0	Ladder Peak
10	5,000	4.00	1.2	Ladder Peak
11	7,000	4.00	0.9	Ladder Peak
12	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
 Data Path: C:\...-29\2100 expert_DNA 7500_DE72905008_2011-03-29_16-39-50.xad

Created: 3/29/2011 4:39:50 PM
 Modified: 3/29/2011 5:17:57 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : 3Kb PE B. elkani Nebulized DNA

Number of peaks found: 0
 Area 1: 30.0
 Area 2: 45.0
 Area 3: 58.0
 Area 4: 14.1

Peak table for sample 1 : 3Kb PE B. elkani Nebulized DNA

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	10,380	4.20	0.6	Upper Marker

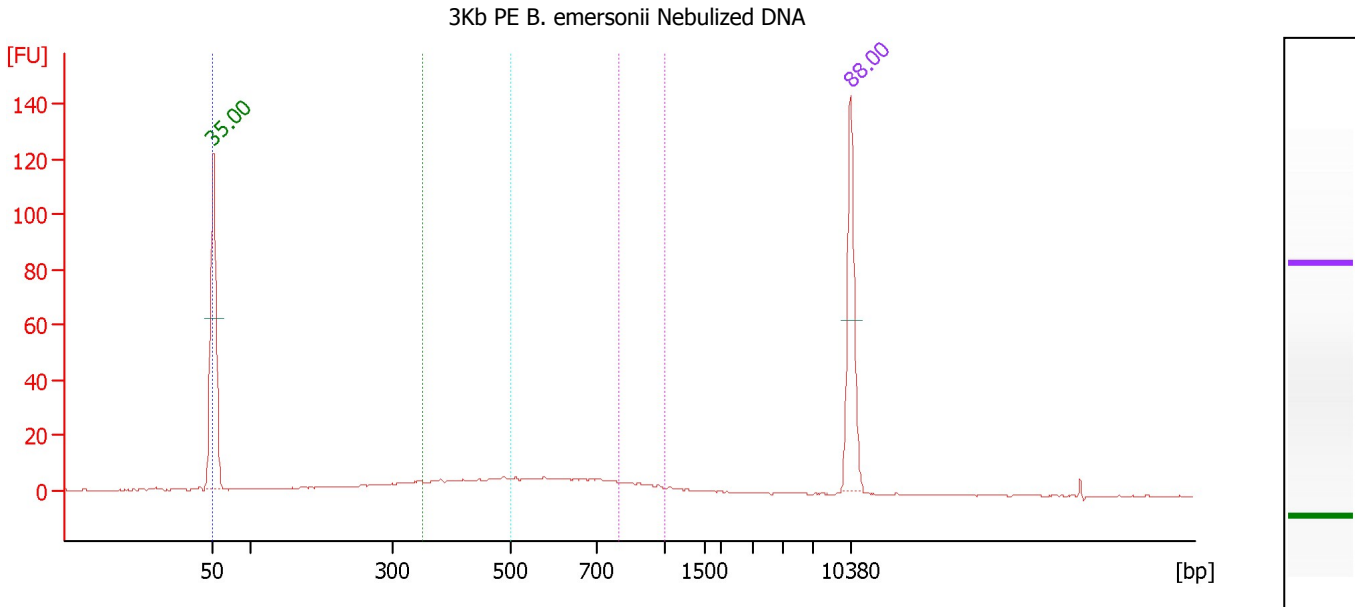
Region table for sample 1 : 3Kb PE B. elkani Nebulized DNA

From [bp]	To [bp]	Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [ng/μl]	Col or
50	350	30.0	19	156	73.4	2.90	Blue
351	500	45.0	28	429	10.0	3.49	Green
501	800	58.0	36	623	12.6	4.02	Cyan
801	1,000	14.1	9	884	6.4	0.91	Magenta

Assay Class: DNA 7500
 Data Path: C:\...-29\2100 expert_DNA 7500_DE72905008_2011-03-29_16-39-50.xad

Created: 3/29/2011 4:39:50 PM
 Modified: 3/29/2011 5:17:57 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : 3Kb PE B. emersonii Nebulized DNA

Number of peaks found: 0 Area 3: 34.9
 Area 1: 23.6 Area 4: 9.4
 Area 2: 25.6

Peak table for sample 2 : 3Kb PE B. emersonii Nebulized DNA

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	10,380	4.20	0.6	Upper Marker

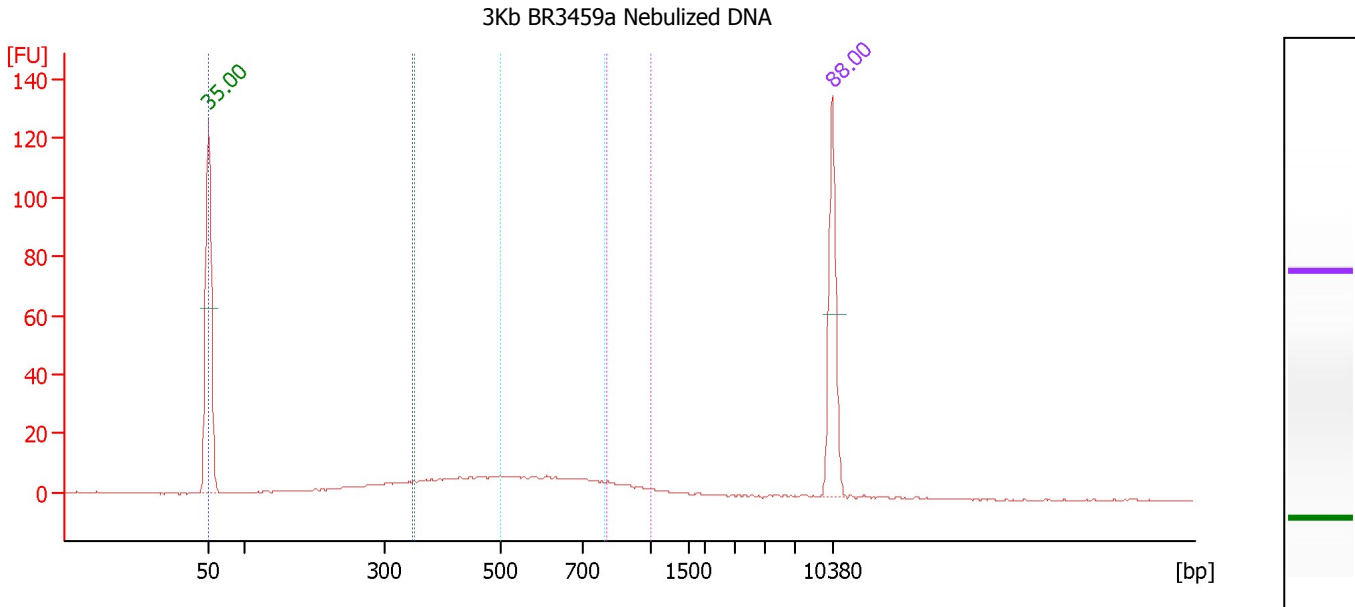
Region table for sample 2 : 3Kb PE B. emersonii Nebulized DNA

From [bp]	To [bp]	Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [ng/μl]	Col or
50	350	23.6	22	124	83.2	2.27	Blue
351	500	25.6	24	428	10.1	1.93	Green
501	800	34.9	33	627	12.7	2.35	Cyan
801	1,000	9.4	9	888	6.4	0.59	Magenta

Assay Class: DNA 7500
 Data Path: C:\...-29\2100 expert_DNA 7500_DE72905008_2011-03-29_16-39-50.xad

Created: 3/29/2011 4:39:50 PM
 Modified: 3/29/2011 5:17:57 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 3Kb BR3459a Nebulized DNA

Number of peaks found: 0 Area 3: 41.1
 Area 1: 23.0 Area 4: 10.7
 Area 2: 31.5

Peak table for sample 3 : 3Kb BR3459a Nebulized DNA

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	10,380	4.20	0.6	Upper Marker

Region table for sample 3 : 3Kb BR3459a Nebulized DNA

From [bp]	To [bp]	Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [ng/μl]	Col or
50	350	23.0	19	131	82.9	2.22	Blue
351	500	31.5	26	428	10.1	2.42	Green
501	800	41.1	34	624	12.6	2.82	Cyan
801	1,000	10.7	9	888	6.5	0.68	Magenta

Assay Class: DNA 7500
Data Path: C:\...-29\2100 expert_DNA 7500_DE72905008_2011-03-29_16-39-50.xad

Created: 3/29/2011 4:39:50 PM
Modified: 3/29/2011 5:17:57 PM

Gel Image

