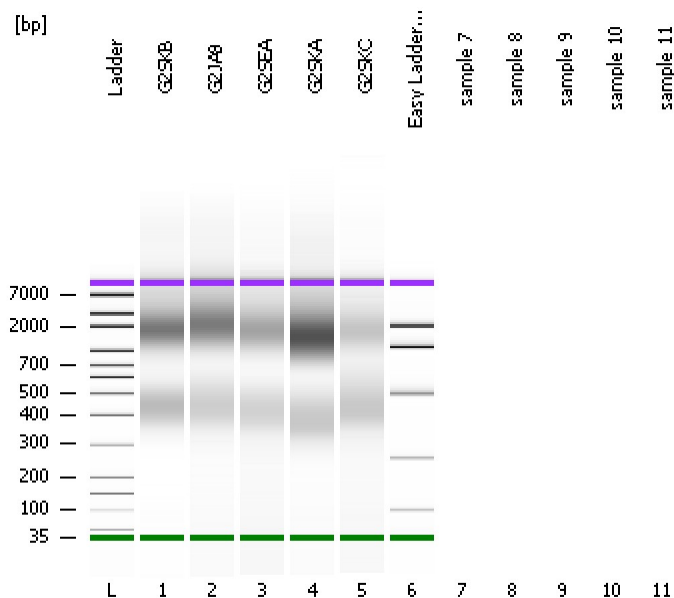


Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE20901668_2012-05-22_15-57-01.xad

Created: 5/22/2012 3:57:00 PM
 Modified: 5/22/2012 4:24:16 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: Bioanalyzer Firmware: C.01.069
 Serial#: DE20901668 Type: G2938B

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

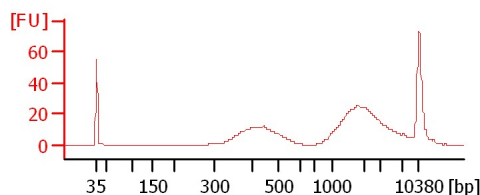
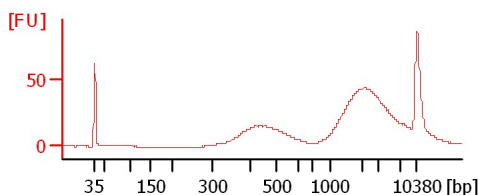
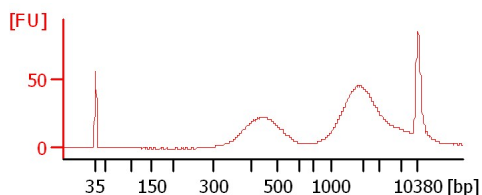
Chip Information:

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

G2SKB

G2JA9

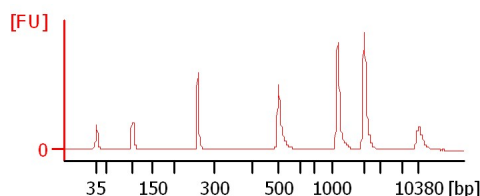
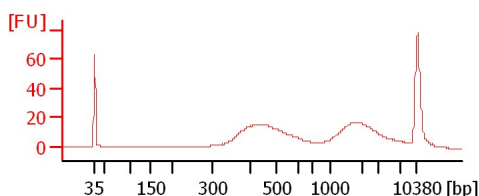
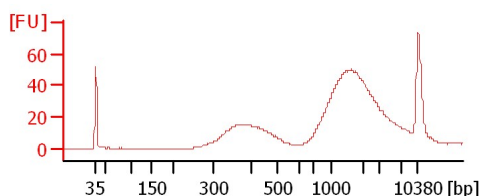
G2SEA



G2SKA

G2SKC

Easy Ladder 1:50



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE20901668_2012-05-22_15-57-01.xad

Created: 5/22/2012 3:57:00 PM
 Modified: 5/22/2012 4:24:16 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|------------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| G2SKB | | <input type="checkbox"/> | | | | |
| G2JA9 | | <input type="checkbox"/> | | | | |
| G2SEA | | <input type="checkbox"/> | | | | |
| G2SKA | | <input type="checkbox"/> | | | | |
| G2SKC | | <input type="checkbox"/> | | | | |
| Easy Ladder 1:50 | | <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"/> | | | | |
| Ladder | | <input type="checkbox"/> | | | | |

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE20901668_2012-05-22_15-57-01.xad

Created: 5/22/2012 3:57:00 PM
 Modified: 5/22/2012 4:24:16 PM

Electropherogram Result Tables

Overall Results for sample 1 : G2SKB

Number of peaks found: 2
 Noise: 0.1
 Corr. Area 1: 316.2

Peak table for sample 1 : G2SKB

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 438 | 190.40 | 657.9 | |
| 3 | 457 | 52.09 | 172.7 | |
| 4 | 10,380 | 75.00 | 10.9 | Upper Marker |

Region table for sample 1 : G2SKB

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 316.2 | 38 | 497 | 30.4 | 535.43 | 1,780.2 | ■ |

Overall Results for sample 2 : G2JA9

Number of peaks found: 5
 Noise: 0.2
 Corr. Area 1: 263.3

Peak table for sample 2 : G2JA9

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 440 | 82.03 | 282.6 | |
| 3 | 1,981 | 130.69 | 100.0 | |
| 4 | 2,143 | 27.61 | 19.5 | |
| 5 | 2,382 | 154.66 | 98.4 | |
| 6 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 7 | 12,677 | 0.00 | 0.0 | |

Region table for sample 2 : G2JA9

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 263.3 | 32 | 503 | 30.4 | 250.41 | 828.4 | ■ |

Overall Results for sample 3 : G2SEA

Number of peaks found: 2
 Noise: 0.2
 Corr. Area 1: 197.7

Peak table for sample 3 : G2SEA

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 406 | 79.61 | 297.2 | |
| 3 | 442 | 15.96 | 54.8 | |
| 4 | 10,380 | 75.00 | 10.9 | Upper Marker |

Region table for sample 3 : G2SEA

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 197.7 | 39 | 484 | 33.8 | 285.49 | 994.5 | ■ |

Overall Results for sample 4 : G2SKA

Number of peaks found: 3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE20901668_2012-05-22_15-57-01.xad

Created: 5/22/2012 3:57:00 PM
 Modified: 5/22/2012 4:24:16 PM

Electropherogram Result Tables

Noise: 0.2
 Corr. Area 1: 356.6

Peak table for sample 4 : G2SKA

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 1,467 | 209.54 | 216.4 | |
| 3 | 1,603 | 54.17 | 51.2 | |
| 4 | 1,739 | 248.56 | 216.5 | |
| 5 | 10,380 | 75.00 | 10.9 | Upper Marker |

Region table for sample 4 : G2SKA

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 356.6 | 37 | 558 | 41.2 | 423.90 | 1,419.6 | ■ |

Overall Results for sample 5 : G2SKC

Number of peaks found: 2
 Noise: 0.2
 Corr. Area 1: 273.7

Peak table for sample 5 : G2SKC

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 399 | 73.10 | 277.8 | |
| 3 | 428 | 40.38 | 143.1 | |
| 4 | 10,380 | 75.00 | 10.9 | Upper Marker |

Region table for sample 5 : G2SKC

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 273.7 | 57 | 492 | 28.5 | 369.72 | 1,243.7 | ■ |

Overall Results for sample 6 : Easy Ladder 1:50

Number of peaks found: 5
 Noise: 0.2
 Corr. Area 1: 572.5

Peak table for sample 6 : Easy Ladder 1:50

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 100 | 198.27 | 3,006.3 | |
| 3 | 258 | 209.87 | 1,233.0 | |
| 4 | 499 | 242.42 | 736.1 | |
| 5 | 1,149 | 251.79 | 332.1 | |
| 6 | 2,018 | 249.32 | 187.2 | |
| 7 | 10,380 | 75.00 | 10.9 | Upper Marker |

Region table for sample 6 : Easy Ladder 1:50

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 572.5 | 35 | 423 | 29.8 | 488.59 | 2,088.5 | ■ |