

Assay Class: High Sensitivity DNA Assay  
Data Path: Y:\...1511196\_R2-12042015\LibraryQC-SW5-BS1511196\_R2-12112015.xad

Created: 12/11/2015 6:03:12 PM  
Modified: 12/14/2015 10:03:34 AM

## Electrophoresis File Run Summary

### Instrument Information:

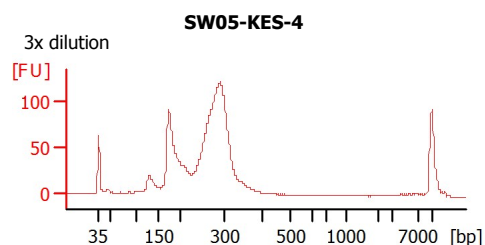
Instrument Name: DE13804761      Firmware: C.01.069  
Serial#: DE13804761      Type: G2939A

### 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:



Assay Class: High Sensitivity DNA Assay  
Data Path: Y:\...1511196\_R2-12042015\LibraryQC-SW5-BS1511196\_R2-12112015.xad

Created: 12/11/2015 6:03:12 PM  
Modified: 12/14/2015 10:03:34 AM

**Electrophoresis File Run Summary (Chip Summary)**

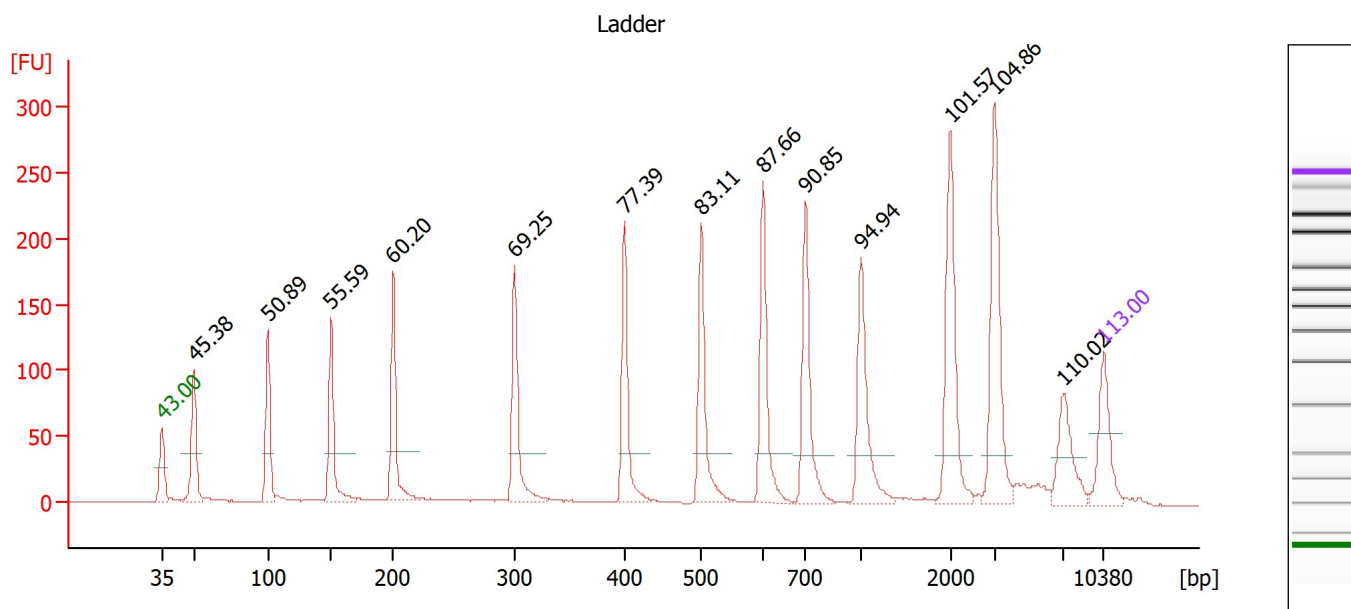
Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
SW05-KES-4	3x dilution	<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

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

Assay Class: High Sensitivity DNA Assay  
 Data Path: Y:\...1511196\_R2-12042015\LibraryQC-SW5-BS1511196\_R2-12112015.xad

Created: 12/11/2015 6:03:12 PM  
 Modified: 12/14/2015 10:03:34 AM

### Electropherogram Summary



### Overall Results for Ladder

Noise: 0.4

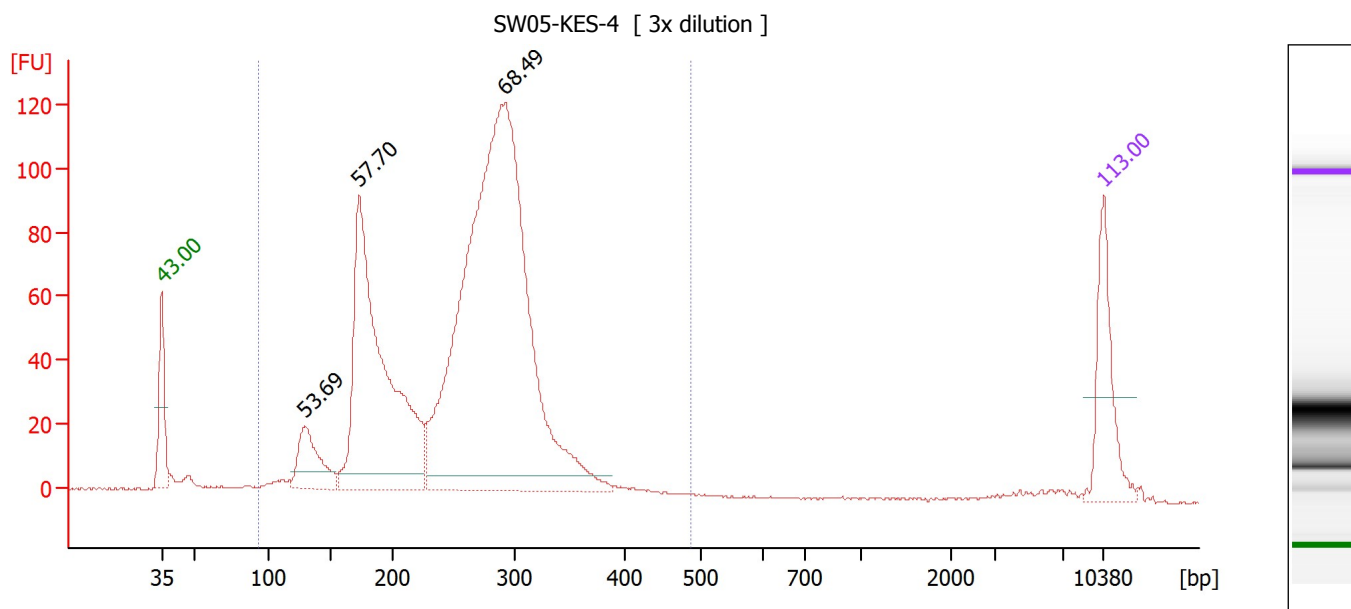
### Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	50	150.00	4,545.5	Ladder Peak
3	100	150.00	2,272.7	Ladder Peak
4	150	150.00	1,515.2	Ladder Peak
5	200	150.00	1,136.4	Ladder Peak
6	300	150.00	757.6	Ladder Peak
7	400	150.00	568.2	Ladder Peak
8	500	150.00	454.5	Ladder Peak
9	600	150.00	378.8	Ladder Peak
10	700	150.00	324.7	Ladder Peak
11	1,000	150.00	227.3	Ladder Peak
12	2,000	150.00	113.6	Ladder Peak
13	3,000	150.00	75.8	Ladder Peak
14	7,000	150.00	32.5	Ladder Peak
15	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay  
 Data Path: Y:\...1511196\_R2-12042015\LibraryQC-SW5-BS1511196\_R2-12112015.xad

Created: 12/11/2015 6:03:12 PM  
 Modified: 12/14/2015 10:03:34 AM

### Electropherogram Summary Continued ...



### Overall Results for sample 3 : SW05-KES-4

Number of peaks found: 3      Corr. Area 1: 1,492.7  
 Noise: 0.4

### Peak table for sample 3 : SW05-KES-4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	130	93.02	1,086.1	
3	173	549.61	4,817.2	
4	292	1,106.03	5,746.4	
5	10,380	75.00	10.9	Upper Marker

### Region table for sample 3 : SW05-KES-4

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	% of Total	Size distribution in CV [%]
94	487	256	1,825.36	11,925.4	96	23.1