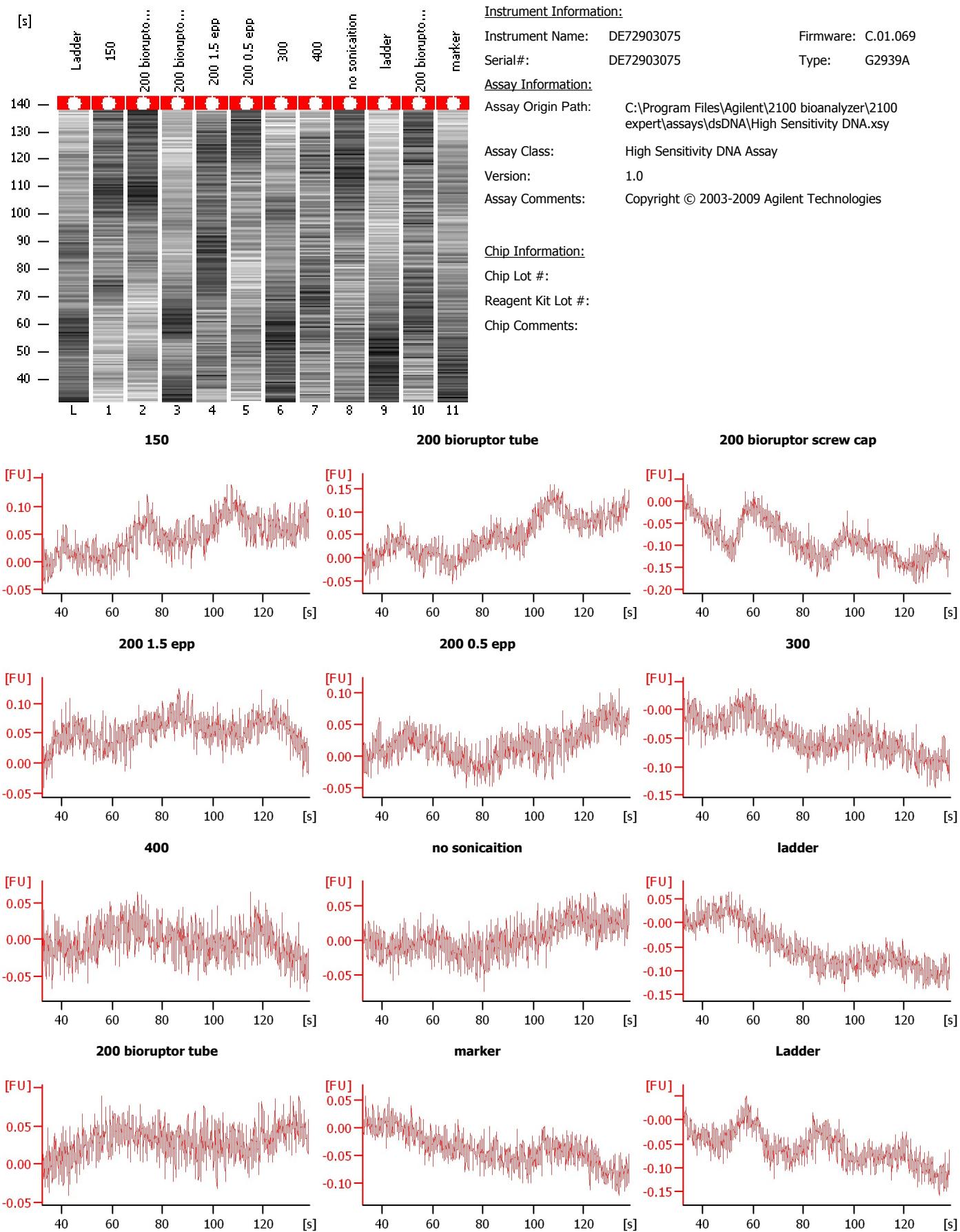


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...\gh Sensitivity DNA Assay_DE72903075_2022-07-22_15-27-24.xad

Created: 22/07/2022 15:27:24
Modified: 22/07/2022 16:08:46

Electrophoresis File Run Summary



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72903075_2022-07-22_15-27-24.xad

Created: 22/07/2022 15:27:24
Modified: 22/07/2022 16:08:46

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
150		<input type="checkbox"/>		✓		
200 bioruptor tube		<input type="checkbox"/>		✓		
200 bioruptor screw cap		<input type="checkbox"/>		✓		
200 1.5 epp		<input type="checkbox"/>		✓		
200 0.5 epp		<input type="checkbox"/>		✓		
300		<input type="checkbox"/>		✓		
400		<input type="checkbox"/>		✓		
no sonication		<input type="checkbox"/>		✓		
ladder		<input type="checkbox"/>		✓		
200 bioruptor tube		<input type="checkbox"/>		✓		
marker		<input type="checkbox"/>		✓		

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

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72903075_2022-07-22_15-27-24.xad

Created: 22/07/2022 15:27:24
Modified: 22/07/2022 16:08:46

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12

Minimum Visible Range [s] : 32

Maximum Visible Range [s] : 138

Start Analysis Time Range [s] : 33

End Analysis Time Range [s] : 137.5

Ladder Concentration [pg/μl] : 1950

Uses Standard Area for Ladder Fragments

Lower Marker Concentration [pg/μl] : 125

Upper Marker Concentration [pg/μl] : 75

Used Upper Marker for Quantitation

Standard Curve Fit is Point to Point

Show Data Aligned to Lower and Upper Marker

Integrator Settings

Integration Start Time [s] : 33.05

Integration End Time [s] : 137

Slope Threshold : 0.8

Height Threshold [FU] : 5

Area Threshold : 0.1

Width Threshold [s] : 0.6

Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5

Polynomial Order : 4

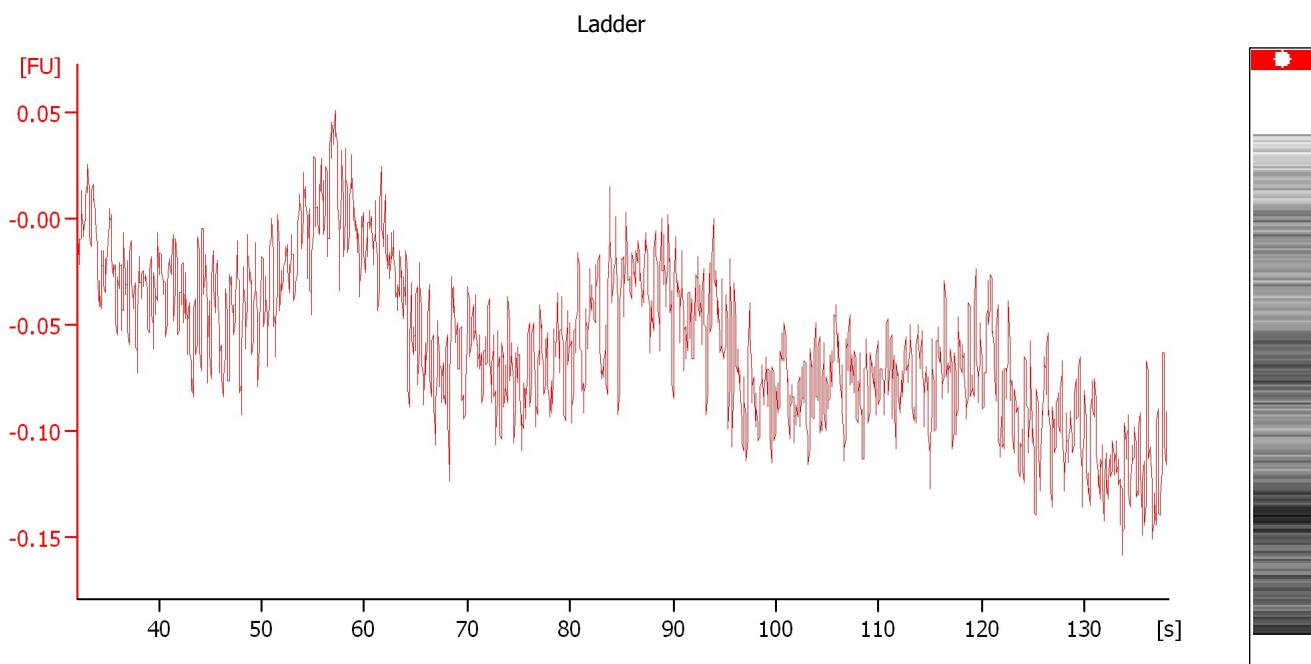
Ladder

Ladder Peak	Size	Area
1	35	160
2	50	210
3	100	208
4	150	221
5	200	242
6	300	270
7	400	305
8	500	306
9	600	336
10	700	321
11	1000	366
12	2000	413
13	3000	411
14	7000	400
15	10380	214

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72903075_2022-07-22_15-27-24.xad

Created: 22/07/2022 15:27:24
Modified: 22/07/2022 16:08:46

Electropherogram Summary



Setpoint Deviations for sample 12 : Ladder

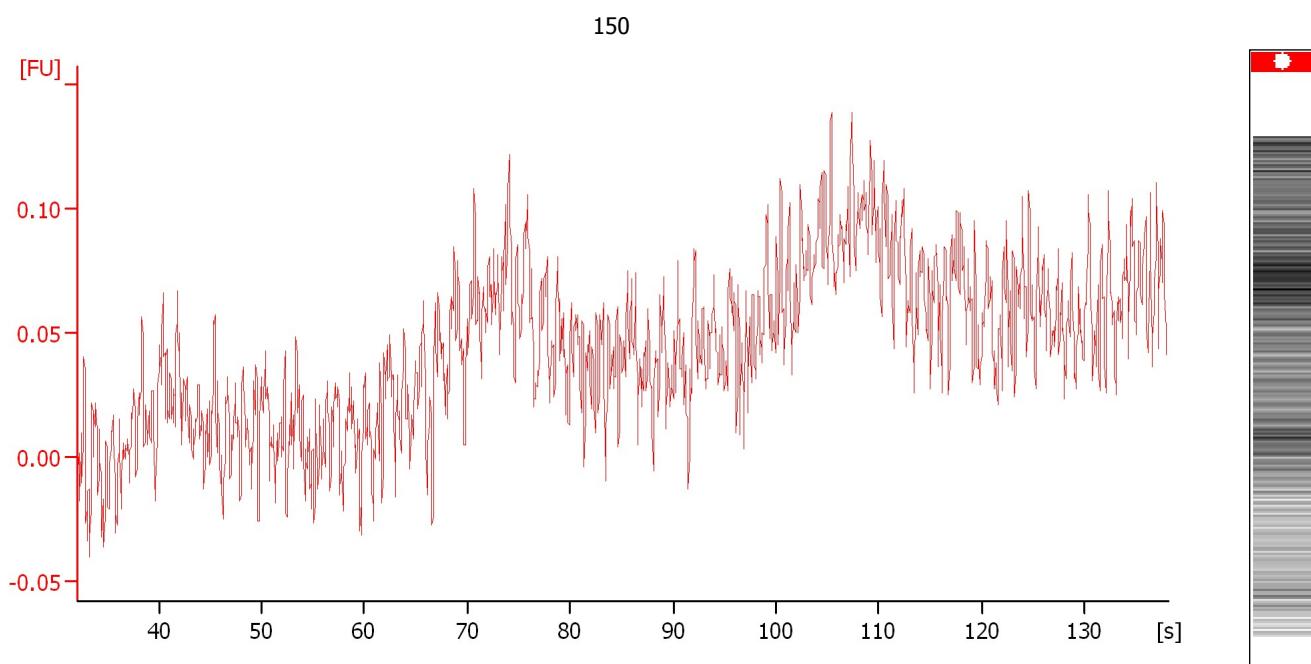
Height Threshold [FU] : 20 Baseline Plateau [s] : 0.3
Area Threshold : 0

Overall Results for Ladder

Noise: 0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72903075_2022-07-22_15-27-24.xad

Created: 22/07/2022 15:27:24
Modified: 22/07/2022 16:08:46

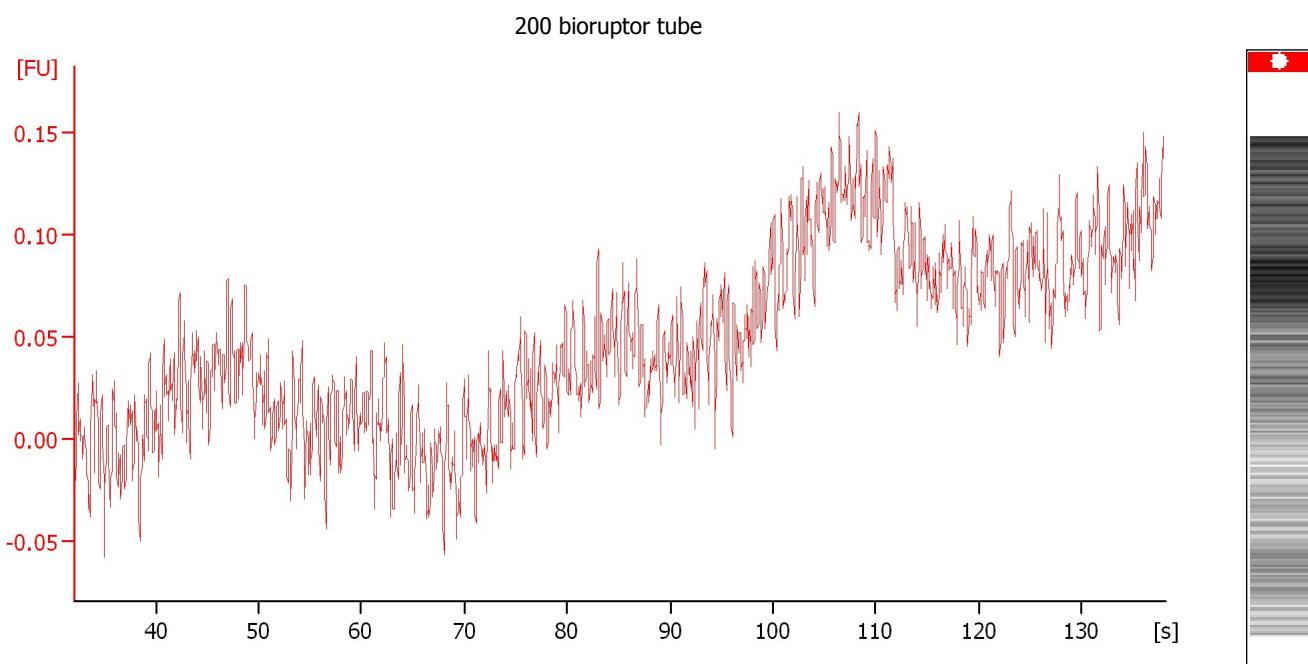
Electropherogram Summary Continued ...

Overall Results for sample 1 : 150

Noise: 0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72903075_2022-07-22_15-27-24.xad

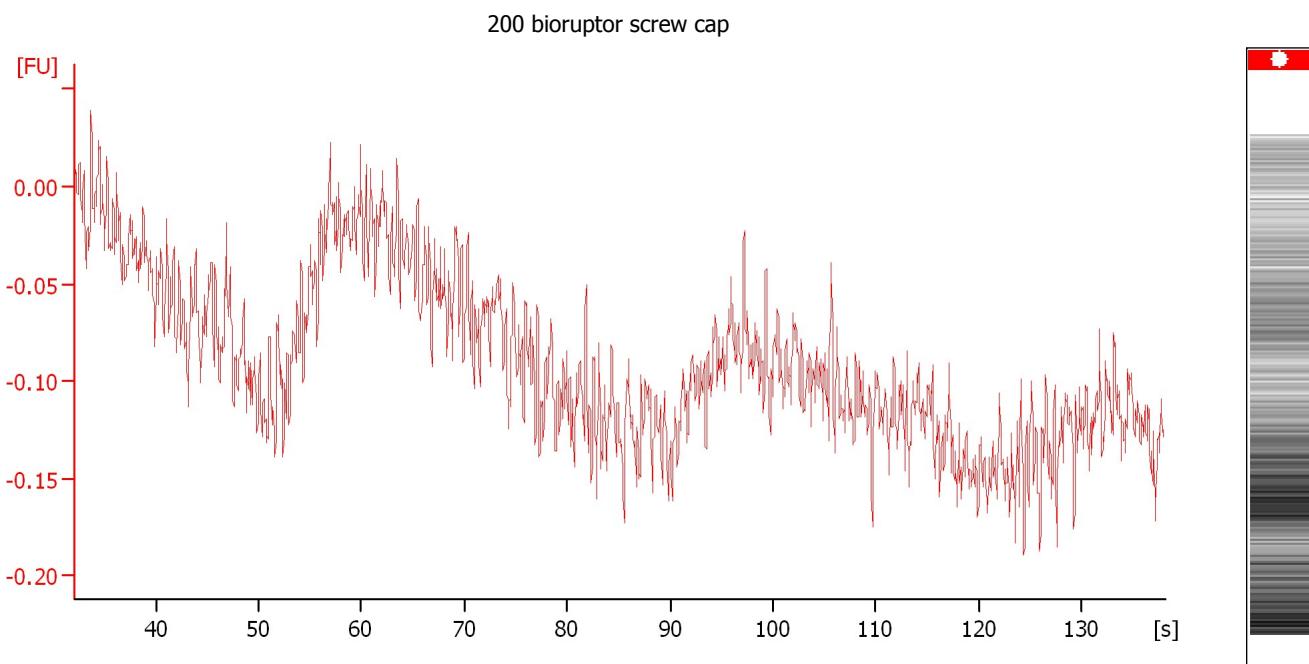
Created: 22/07/2022 15:27:24
Modified: 22/07/2022 16:08:46

Electropherogram Summary Continued ...**Overall Results for sample 2 : 200 bioruptor tube**

Noise: 0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72903075_2022-07-22_15-27-24.xad

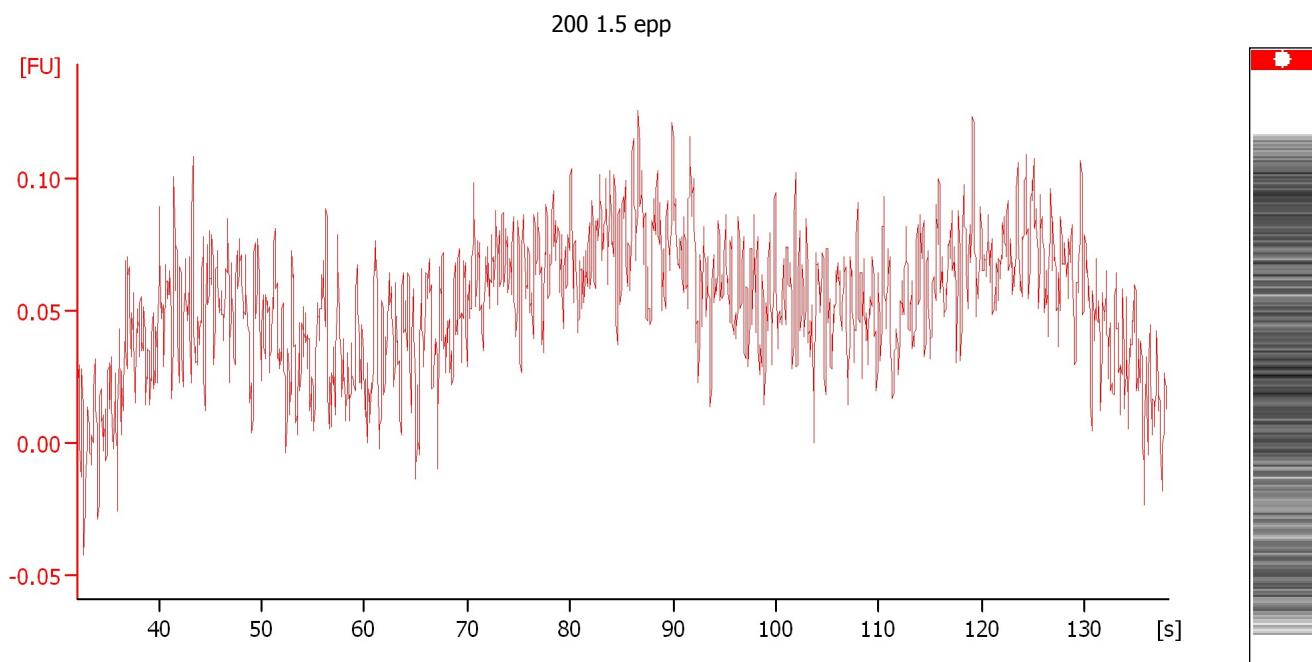
Created: 22/07/2022 15:27:24
Modified: 22/07/2022 16:08:46

Electropherogram Summary Continued ...**Overall Results for sample 3 : 200 bioruptor screw cap**

Noise: 0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72903075_2022-07-22_15-27-24.xad

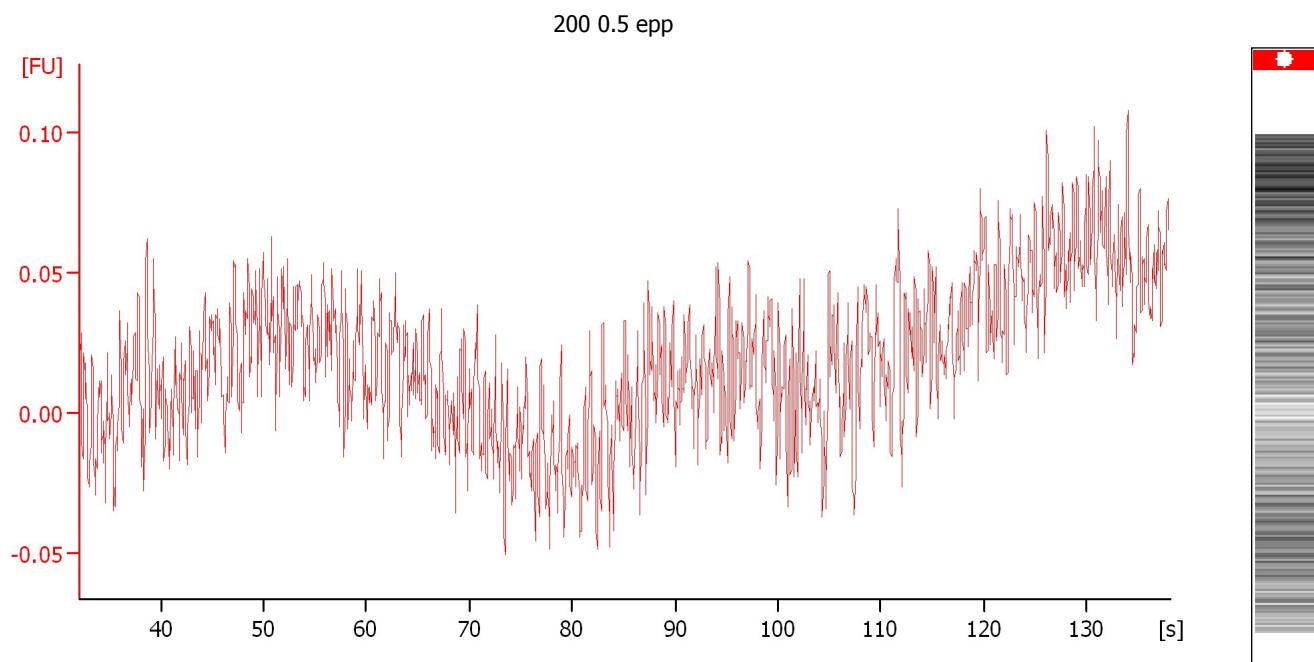
Created: 22/07/2022 15:27:24
Modified: 22/07/2022 16:08:46

Electropherogram Summary Continued ...**Overall Results for sample 4 : 200 1.5 epp**

Noise: 0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72903075_2022-07-22_15-27-24.xad

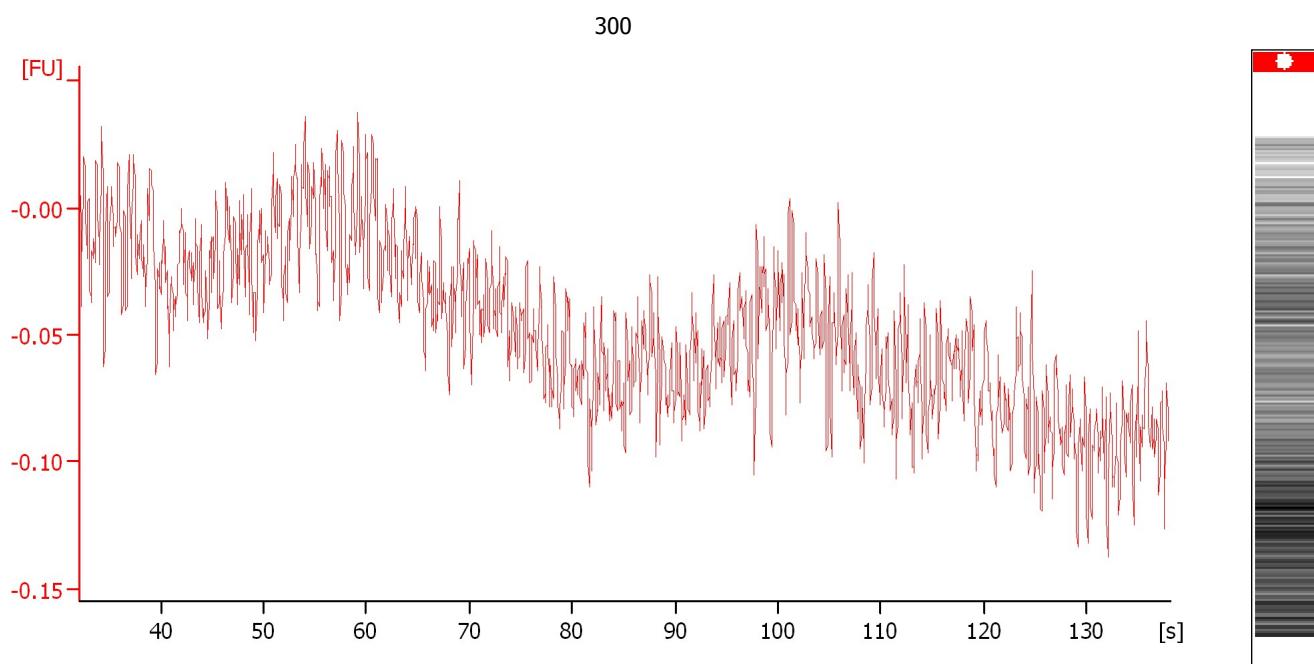
Created: 22/07/2022 15:27:24
Modified: 22/07/2022 16:08:46

Electropherogram Summary Continued ...**Overall Results for sample 5 : 200 0.5 epp**

Noise: 0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72903075_2022-07-22_15-27-24.xad

Created: 22/07/2022 15:27:24
Modified: 22/07/2022 16:08:46

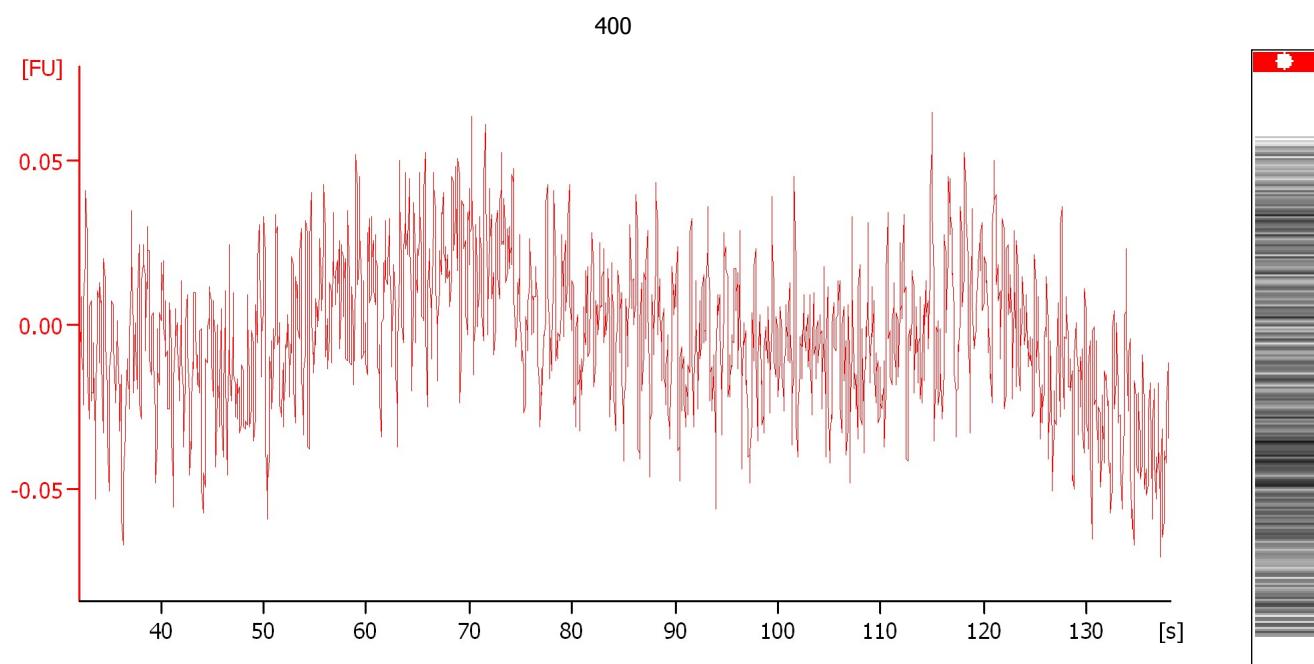
Electropherogram Summary Continued ...

Overall Results for sample 6 : 300

Noise: 0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72903075_2022-07-22_15-27-24.xad

Created: 22/07/2022 15:27:24
Modified: 22/07/2022 16:08:46

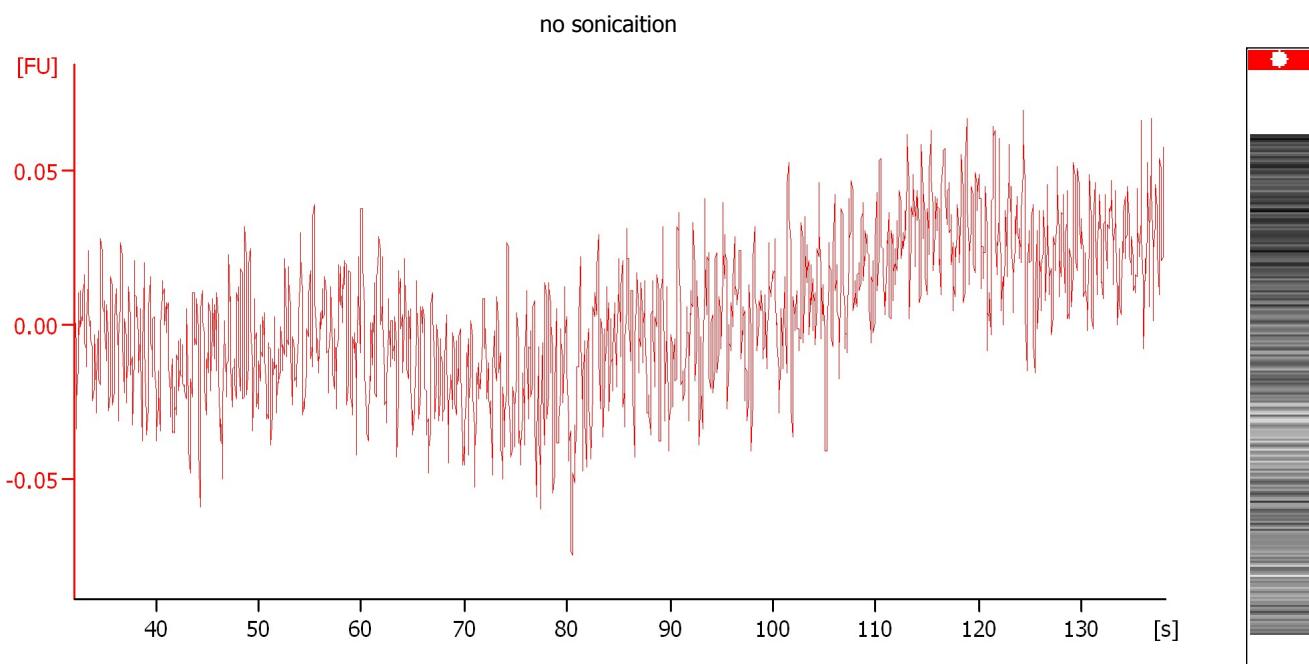
Electropherogram Summary Continued ...

Overall Results for sample 7 : 400

Noise: 0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72903075_2022-07-22_15-27-24.xad

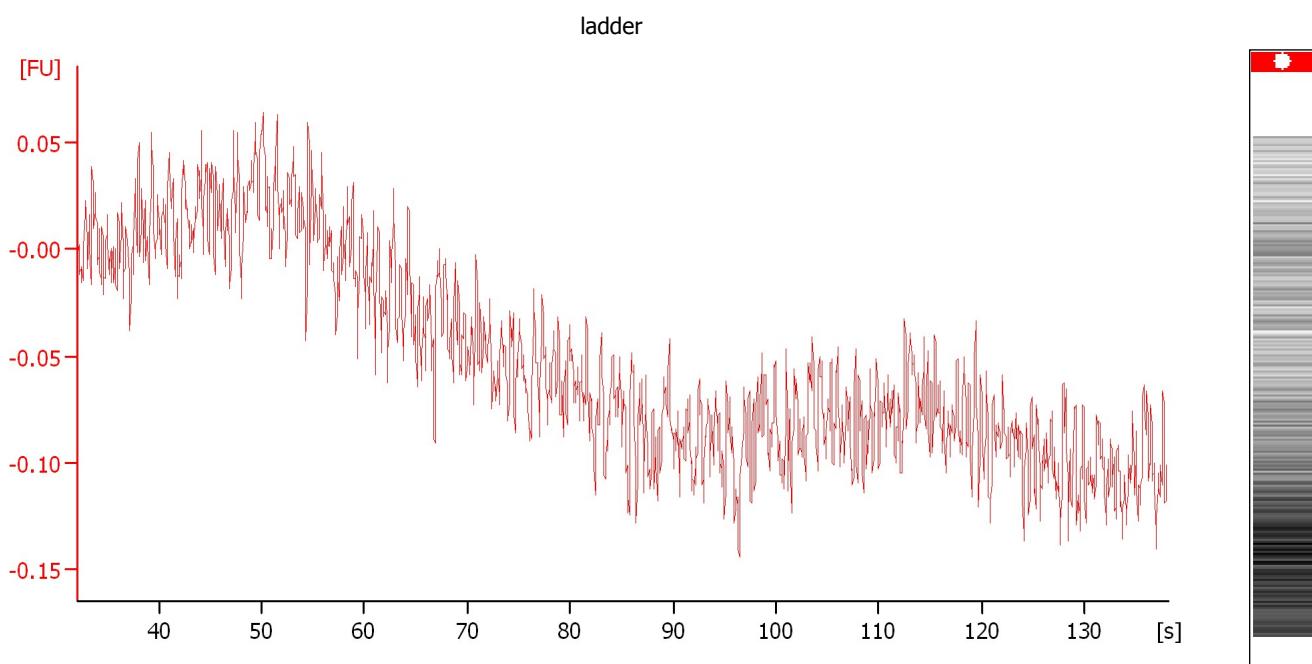
Created: 22/07/2022 15:27:24
Modified: 22/07/2022 16:08:46

Electropherogram Summary Continued ...**Overall Results for sample 8 : no sonication**

Noise: 0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72903075_2022-07-22_15-27-24.xad

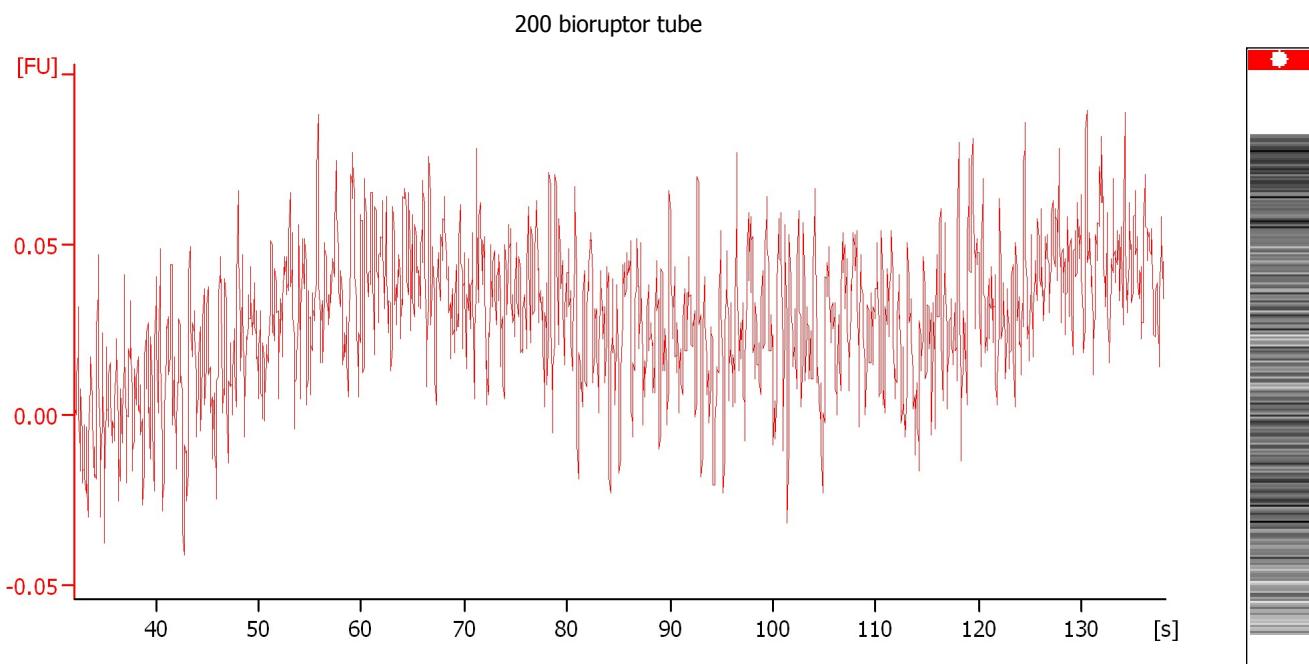
Created: 22/07/2022 15:27:24
Modified: 22/07/2022 16:08:46

Electropherogram Summary Continued ...**Overall Results for sample 9 : ladder**

Noise: 0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72903075_2022-07-22_15-27-24.xad

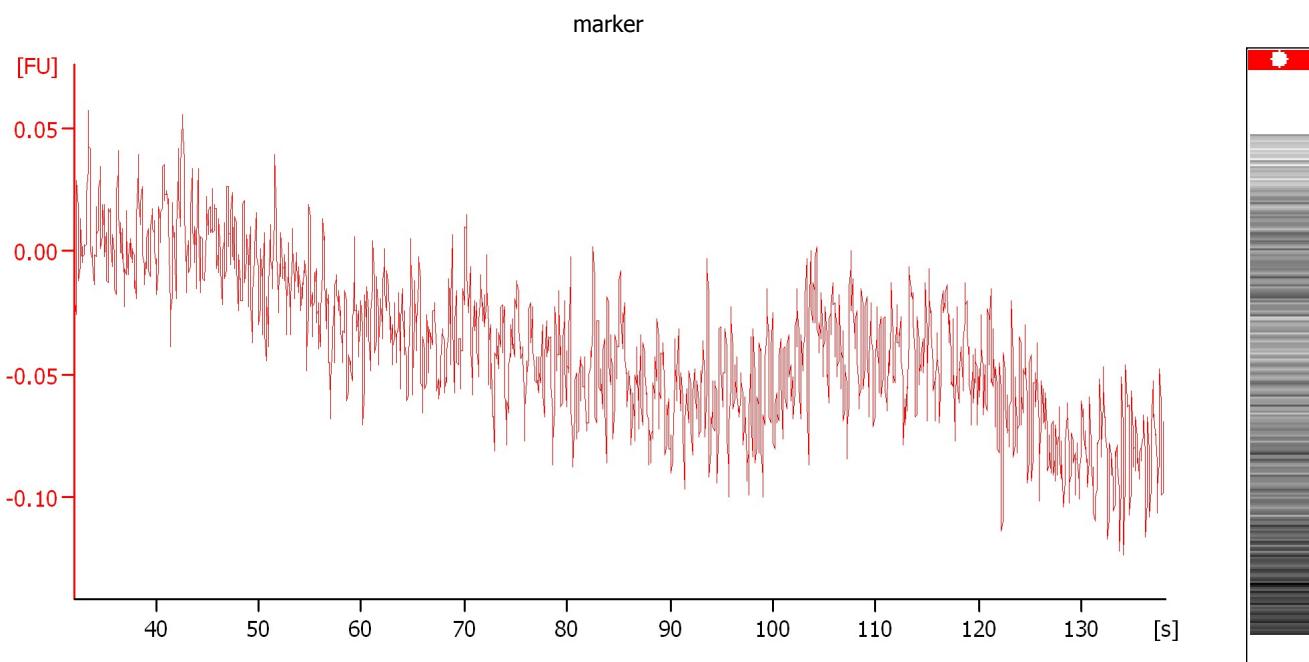
Created: 22/07/2022 15:27:24
Modified: 22/07/2022 16:08:46

Electropherogram Summary Continued ...**Overall Results for sample 10 : 200 bioruptor tube**

Noise: 0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72903075_2022-07-22_15-27-24.xad

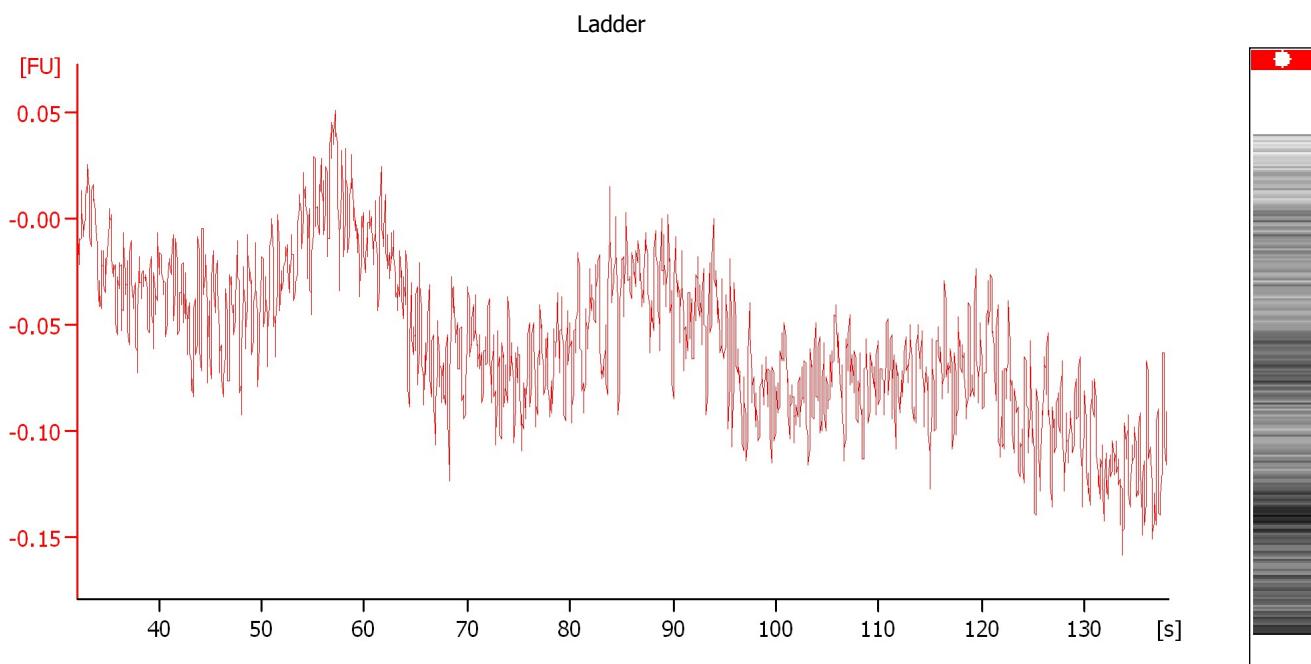
Created: 22/07/2022 15:27:24
Modified: 22/07/2022 16:08:46

Electropherogram Summary Continued ...**Overall Results for sample 11 : marker**

Noise: 0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72903075_2022-07-22_15-27-24.xad

Created: 22/07/2022 15:27:24
Modified: 22/07/2022 16:08:46

Electropherogram Summary Continued ...**Setpoint Deviations for sample 12 : Ladder**

Height Threshold [FU] : 20 Baseline Plateau [s] : 0.3
Area Threshold : 0

Overall Results for Ladder

Noise: 0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72903075_2022-07-22_15-27-24.xad

Created: 22/07/2022 15:27:24
Modified: 22/07/2022 16:08:46

Gel Image

