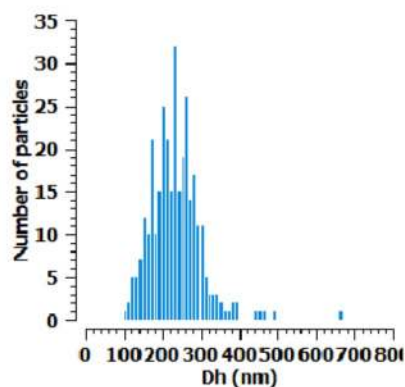
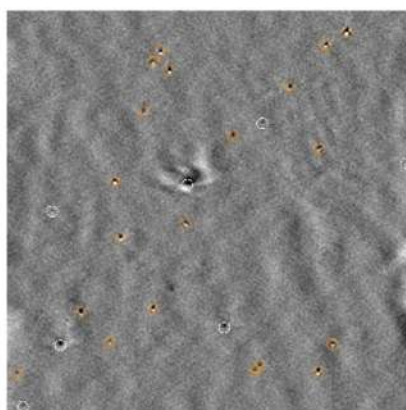


B1/IS washed erythrocytes

Concentration	Median diameter	Mean diameter 238 nm Modal diameter 235 nm D90 308 nm D50 233 nm D10 161 nm Standard deviation 73 nm
1.21e+9 part/mL	233 nm	

Number of videos: 10
Saturation: 92%

Average counted particles: 22 /frame
Tracked particles: 322

**Comments:****Settings:****ACQUISITION**

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 93

DETECTION

Threshold: 4.20
Macro particles
Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 25.8
Use water viscosity: yes
Viscosity (mPa.s): 0.874

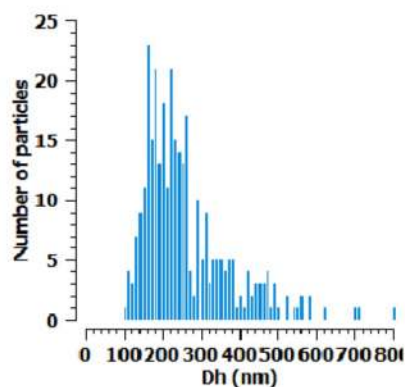
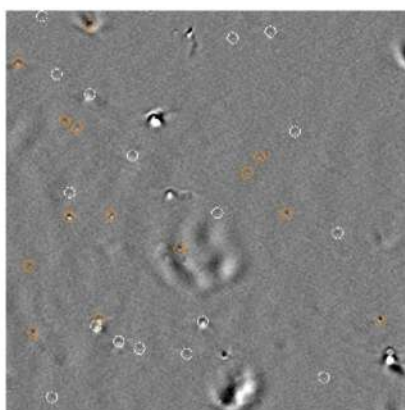
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 11:58:05 - UTC+2
End date: 23.08.2022 - 12:01:49

B2/IS isolate from plasma

Concentration	Median diameter	Mean diameter 267 nm Modal diameter 165 nm D90 440 nm D50 231 nm D10 159 nm Standard deviation 123 nm
1.85e+9 part/mL	231 nm	

Number of videos: 7
Saturation: 93%

Average counted particles: 28 /frame
Tracked particles: 320

**Comments:****Settings:****ACQUISITION**

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 84

DETECTION

Threshold: 4.20
Macro particles
Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 26.0
Use water viscosity: yes
Viscosity (mPa.s): 0.870

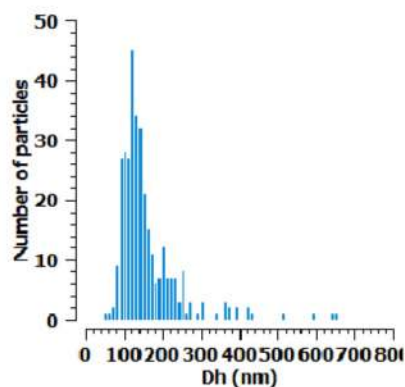
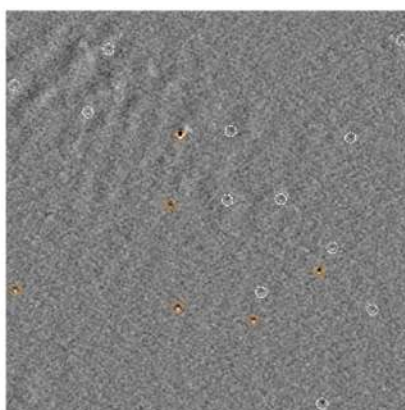
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 12:05:58 - UTC+2
End date: 23.08.2022 - 12:08:16

B3/SN supernatant from plasma

Concentration	Median diameter	Mean diameter 161 nm Modal diameter 125 nm D90 246 nm D50 137 nm D10 97 nm Standard deviation 81 nm
1.42e+9 part/mL	137 nm	

Number of videos: 9
Saturation: 93%

Average counted particles: 30 /frame
Tracked particles: 333



Comments:

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 86

DETECTION

Threshold: 4.20
Macro particles
Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 26.0
Use water viscosity: yes
Viscosity (mPa.s): 0.870

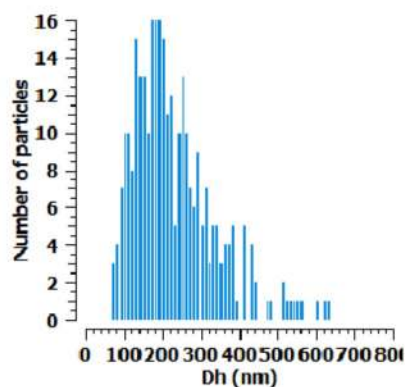
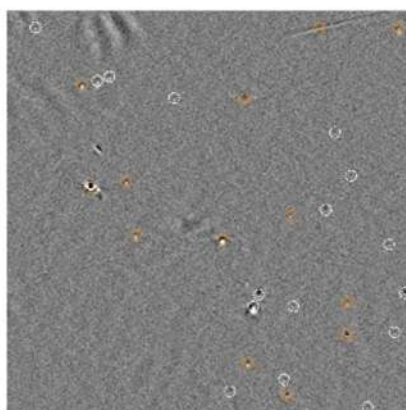
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 12:13:00 - UTC+2
End date: 23.08.2022 - 12:15:59

B4/SN supernatant from centrifugation of PBS suspension of plasma EPs

Concentration	Median diameter	Mean diameter 235 nm Modal diameter 175 nm D90 379 nm D50 206 nm D10 117 nm Standard deviation 113 nm
1.35e+9 part/mL	206 nm	

Number of videos: 10
Saturation: 93%

Average counted particles: 22 /frame
Tracked particles: 305



Comments:

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 85

DETECTION

Threshold: 4.20

Macro particles

Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 26.2
Use water viscosity: yes
Viscosity (mPa.s): 0.866

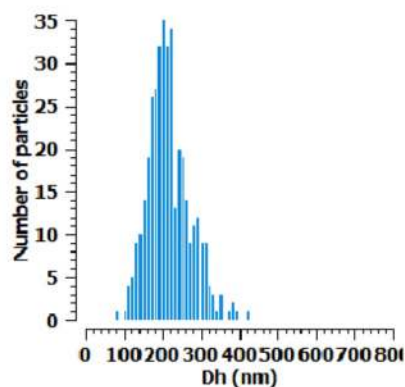
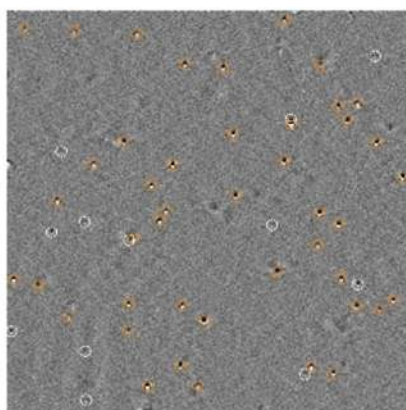
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 12:17:00 - UTC+2
End date: 23.08.2022 - 12:19:59

B5/IS isolate from suspension of aged washed erythrocytes

Concentration	Median diameter	Mean diameter 219 nm Modal diameter 205 nm D90 295 nm D50 212 nm D10 157 nm Standard deviation 55 nm
3.49e+9 part/mL	212 nm	

Number of videos: 4
Saturation: 93%

Average counted particles: 58 /frame
Tracked particles: 381

**Comments:****Settings:****ACQUISITION**

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 84

DETECTION

Threshold: 4.20
Macro particles
Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 26.2
Use water viscosity: yes
Viscosity (mPa.s): 0.866

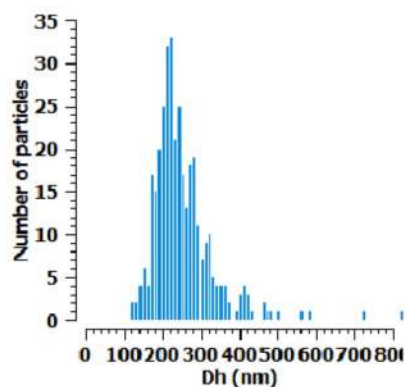
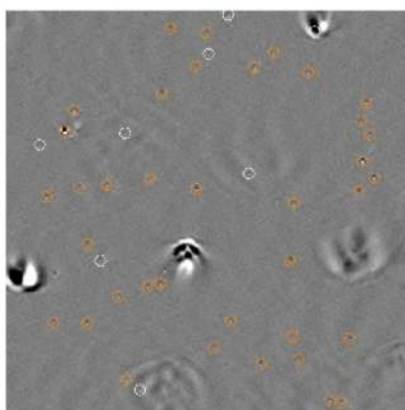
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 12:24:45 - UTC+2
End date: 23.08.2022 - 12:26:22

B8/IS isolate from suspension of aged washed erythrocytes

Concentration	Median diameter	Mean diameter 255 nm Modal diameter 225 nm D90 339 nm D50 238 nm D10 181 nm Standard deviation 80 nm
3.37e+9 part/mL	238 nm	

Number of videos: 4
Saturation: 92%

Average counted particles: 50 /frame
Tracked particles: 350

**Comments:****Settings:****ACQUISITION**

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 83

DETECTION

Threshold: 4.20
Macro particles
Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 26.3
Use water viscosity: yes
Viscosity (mPa.s): 0.864

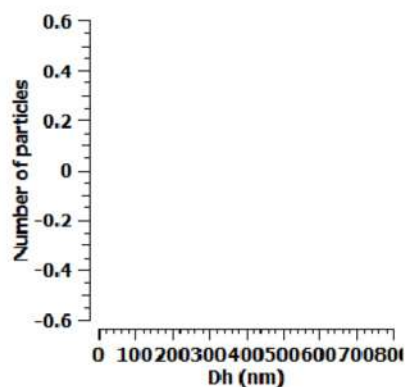
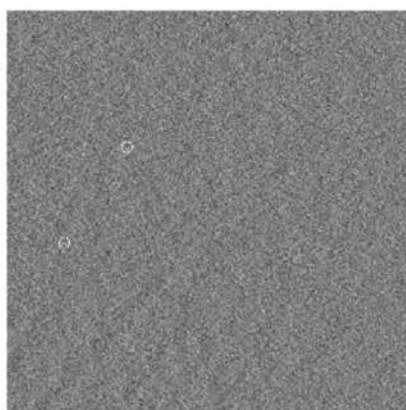
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 12:36:50 - UTC+2
End date: 23.08.2022 - 12:39:47

S1/IS isolate from spruce needle homogenate

Concentration	Median diameter	Mean diameter - Modal diameter - D90 - D50 - D10 - Standard deviation -
5.83e+7 part/mL	- nm	

Number of videos: 1
Saturation: 94%

Average counted particles: 3 /frame
Tracked particles: 0



Comments:

[MANUFACTURER] Acquisition has been stopped by operator.
[MANUFACTURER] Data too scarce for complete characterisation.

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 85

DETECTION

Threshold: 4.20
Macro particles
Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 26.9
Use water viscosity: yes
Viscosity (mPa.s): 0.853

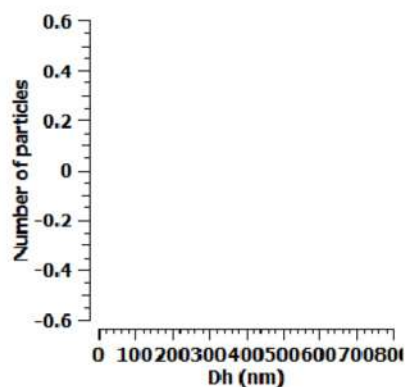
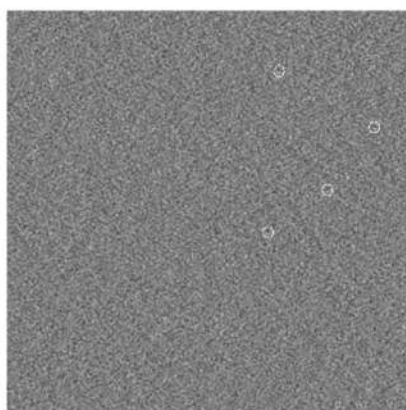
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 13:58:47 - UTC+2
End date: 23.08.2022 - 14:00:21

S6/IS isolate from spruce needle homogenate

Concentration	Median diameter	Mean diameter - Modal diameter - D90 - D50 - D10 - Standard deviation -
4.75e+7 part/mL	- nm	

Number of videos: 1
Saturation: 94%

Average counted particles: 3 /frame
Tracked particles: 0



Comments:

[MANUFACTURER] Acquisition has been stopped by operator.
[MANUFACTURER] Data too scarce for complete characterisation.

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 85

DETECTION

Threshold: 4.20
Macro particles
Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 26.9
Use water viscosity: yes
Viscosity (mPa.s): 0.853

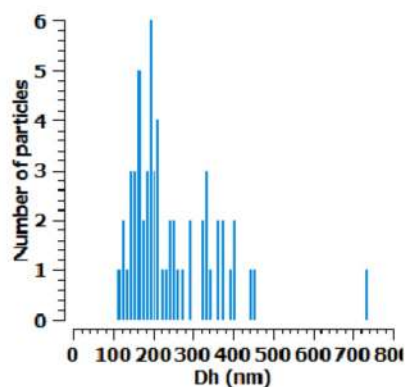
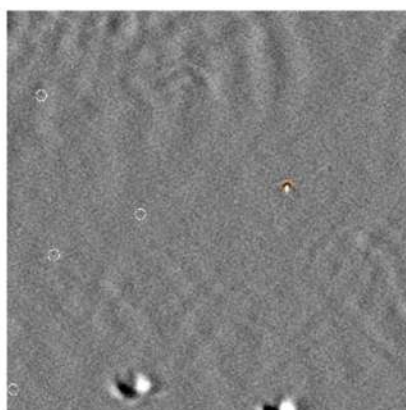
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 14:00:49 - UTC+2
End date: 23.08.2022 - 14:01:54

S9/IS isolate from spruce needle homogenate

Concentration	Median diameter	Mean diameter 271 nm Modal diameter 190 nm D90 409 nm D50 213 nm D10 146 nm Standard deviation 159 nm
2.82e+8 part/mL	213 nm	

Number of videos: 10
Saturation: 92%

Average counted particles: 6 /frame
Tracked particles: 61

**Comments:**

[MANUFACTURER] Acquisition stopped because maximum number of videos reached.

Settings:**ACQUISITION**

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 92

DETECTION

Threshold: 4.20
Macro particles
Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 26.9
Use water viscosity: yes
Viscosity (mPa.s): 0.853

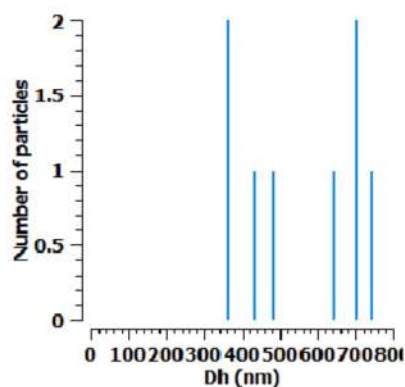
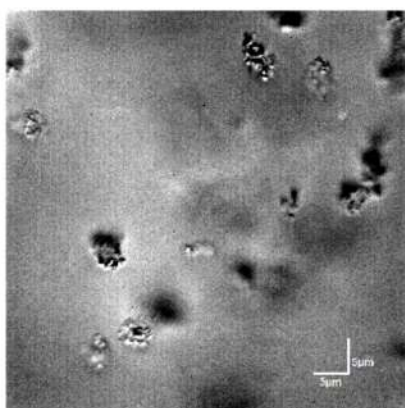
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 14:03:03 - UTC+2
End date: 23.08.2022 - 14:06:40

S11/IS isolate from spruce needle homogenate

Concentration	Median diameter	Mean diameter - Modal diameter - D90 - D50 649 nm D10 - Standard deviation -
6.79e+8 part/mL	649 nm	

Number of videos: 1
Saturation: 97%

Average counted particles: 20 /frame
Tracked particles: 9



Comments:

[MANUFACTURER] Acquisition has been stopped by operator.
[MANUFACTURER] Data too scarce for complete characterisation.

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 87

DETECTION

Threshold: 4.20
Macro particles
Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 27.0
Use water viscosity: yes
Viscosity (mPa.s): 0.851

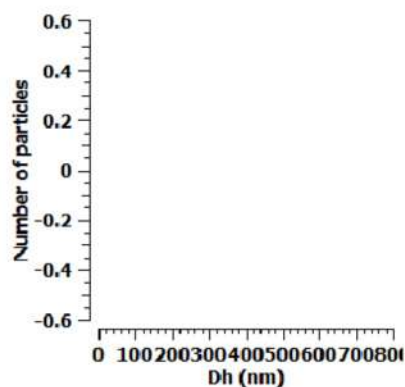
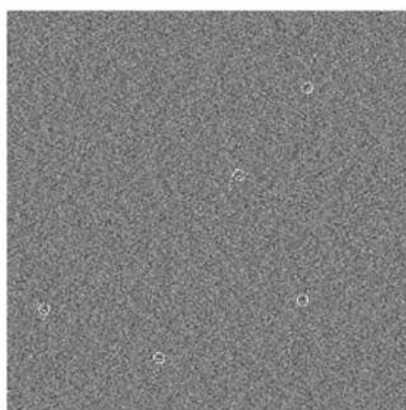
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 14:09:49 - UTC+2
End date: 23.08.2022 - 14:11:44

S12/IS isolate from spruce needle homogenate

Concentration	Median diameter	Mean diameter - Modal diameter - D90 - D50 - D10 - Standard deviation -
5.60e+7 part/mL	- nm	

Number of videos: 2
Saturation: 93%

Average counted particles: 3 /frame
Tracked particles: 0



Comments:

[MANUFACTURER] Acquisition has been stopped by operator.
[MANUFACTURER] Data too scarce for complete characterisation.

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 83

DETECTION

Threshold: 4.20
Macro particles
Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 27.0
Use water viscosity: yes
Viscosity (mPa.s): 0.851

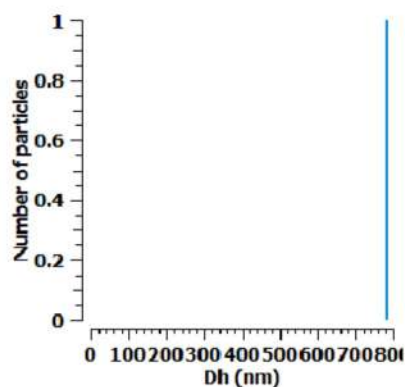
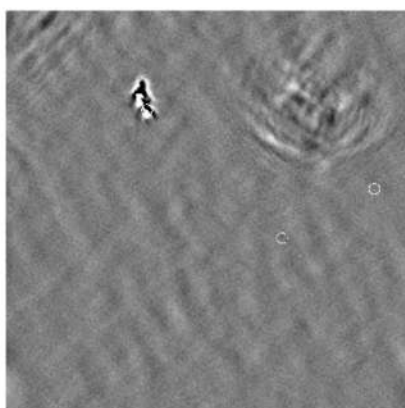
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 14:13:12 - UTC+2
End date: 23.08.2022 - 14:17:24

S13/IS isolate from spruce needle homogenate

Concentration	Median diameter	Mean diameter - Modal diameter - D90 - D50 786 nm D10 - Standard deviation -
1.34e+8 part/mL	786 nm	

Number of videos: 1
Saturation: 90%

Average counted particles: 4 /frame
Tracked particles: 1



Comments:

[MANUFACTURER] Acquisition has been stopped by operator.
[MANUFACTURER] Data too scarce for complete characterisation.

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 91

DETECTION

Threshold: 4.20
Macro particles
Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 27.0
Use water viscosity: yes
Viscosity (mPa.s): 0.851

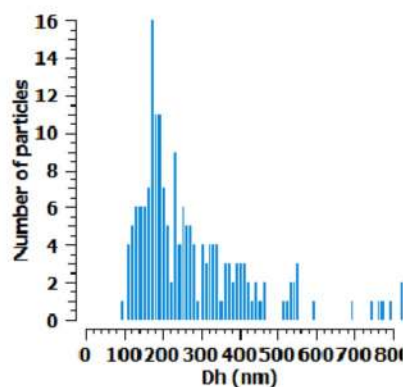
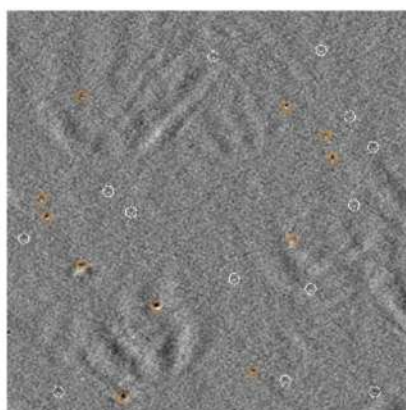
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 14:17:35 - UTC+2
End date: 23.08.2022 - 14:19:04

T1/IS isolate from suspension of flagellae of *Tetraselmis chuii* microalgae

Concentration	Median diameter	Mean diameter 284 nm Modal diameter 175 nm D90 490 nm D50 235 nm D10 145 nm Standard deviation 157 nm
9.61e+8 part/mL	235 nm	

Number of videos: 10
Saturation: 93%

Average counted particles: 22 /frame
Tracked particles: 184



Comments:

[MANUFACTURER] Acquisition stopped because maximum number of videos reached.

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 83

DETECTION

Threshold: 4.20

Macro particles

Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 27.0
Use water viscosity: yes
Viscosity (mPa.s): 0.851

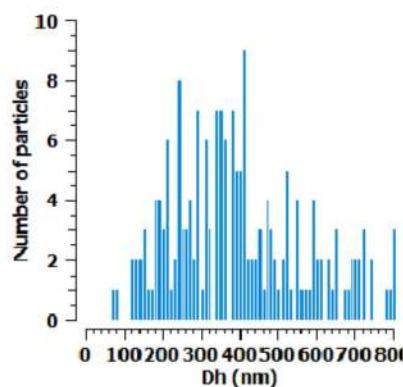
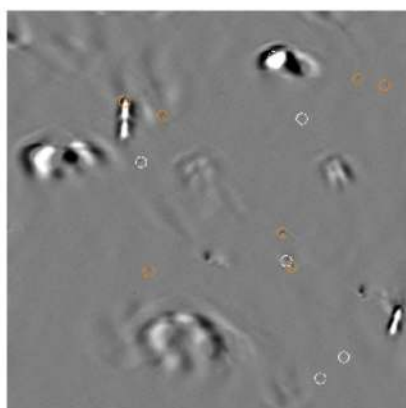
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 14:19:59 - UTC+2
End date: 23.08.2022 - 14:23:35

P3/IS isolate from conditioned culture media of *Phaeodactylum tricornutum* microalgae

Concentration	Median diameter	Mean diameter 424 nm Modal diameter 350 nm D90 721 nm D50 387 nm D10 198 nm Standard deviation 200 nm
6.26e+8 part/mL	387 nm	

Number of videos: 10
Saturation: 92%

Average counted particles: 13 /frame
Tracked particles: 192



Comments:

[MANUFACTURER] Acquisition stopped because maximum number of videos reached.
[MANUFACTURER] 8 videos with non-optimal saturation.

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 77

DETECTION

Threshold: 4.20
Macro particles
Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 27.2
Use water viscosity: yes
Viscosity (mPa.s): 0.847

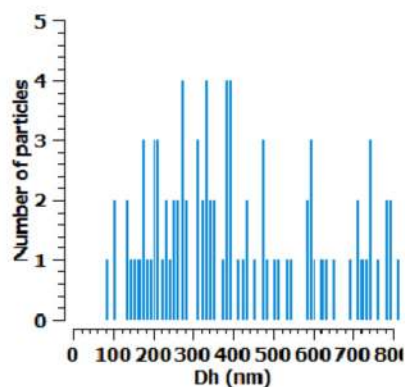
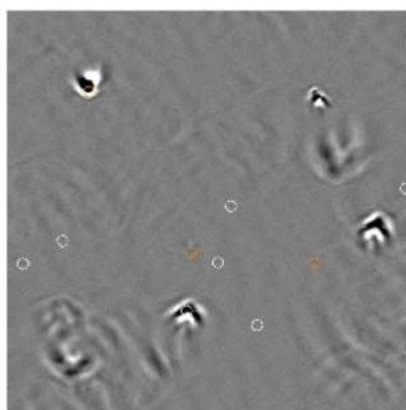
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 15:24:51 - UTC+2
End date: 23.08.2022 - 15:29:46

P4/IS isolate from conditioned culture media of *Phaeodactylum tricornutum* microalgae

Concentration	Median diameter	Mean diameter 459 nm Modal diameter 390 nm D90 833 nm D50 389 nm D10 173 nm Standard deviation 252 nm
4.04e+8 part/mL	389 nm	

Number of videos: 10
Saturation: 88%

Average counted particles: 9 /frame
Tracked particles: 101



Comments:

[MANUFACTURER] Acquisition stopped because maximum number of videos reached.
[MANUFACTURER] 7 videos with non-optimal saturation.

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 66

DETECTION

Threshold: 4.20
Macro particles
Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 27.2
Use water viscosity: yes
Viscosity (mPa.s): 0.847

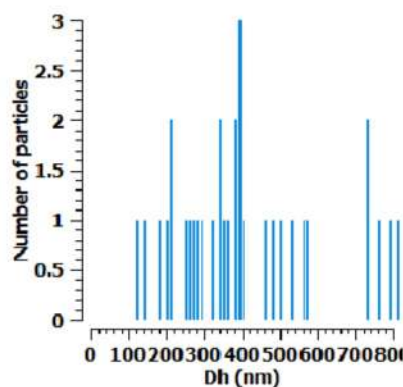
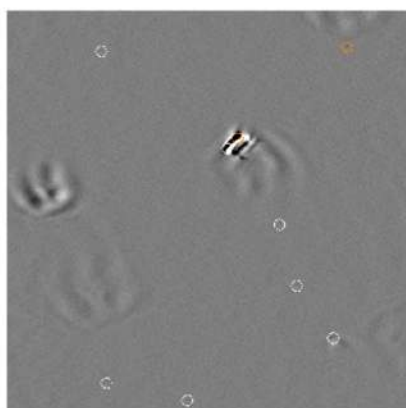
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 15:31:22 - UTC+2
End date: 23.08.2022 - 15:37:42

P11/SN supernatant from ultracentrifugation of *Phaeodactylum tricornutum* microalgae

Concentration	Median diameter	Mean diameter 494 nm Modal diameter 390 nm D90 873 nm D50 398 nm D10 210 nm Standard deviation 253 nm
2.09e+8 part/mL	398 nm	

Number of videos: 10
Saturation: 93%

Average counted particles: 5 /frame
Tracked particles: 40



Comments:

[MANUFACTURER] Acquisition stopped because maximum number of videos reached.

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 82

DETECTION

Threshold: 4.20

Macro particles

Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 27.2
Use water viscosity: yes
Viscosity (mPa.s): 0.847

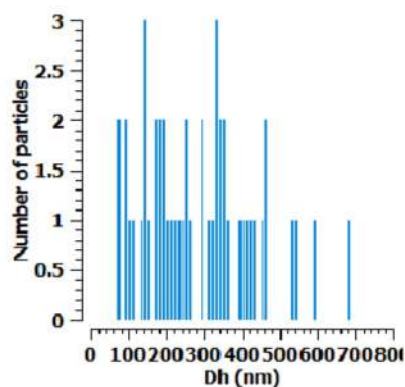
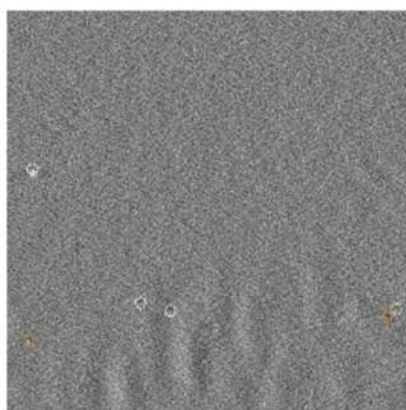
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 15:39:11 - UTC+2
End date: 23.08.2022 - 15:42:12

P12/IS isolate from conditioned culture media of *Phaeodactylum tricornutum* microalgae

Concentration	Median diameter	Mean diameter 313 nm Modal diameter 150 nm D90 538 nm D50 294 nm D10 112 nm Standard deviation 187 nm
3.10e+8 part/mL	294 nm	

Number of videos: 10
Saturation: 92%

Average counted particles: 7 /frame
Tracked particles: 51



Comments:

[MANUFACTURER] Acquisition stopped because maximum number of videos reached.

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 82

DETECTION

Threshold: 4.20

Macro particles

Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 27.2
Use water viscosity: yes
Viscosity (mPa.s): 0.847

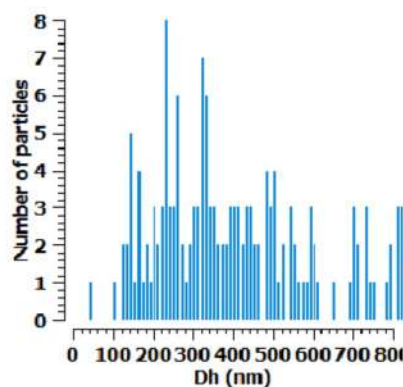
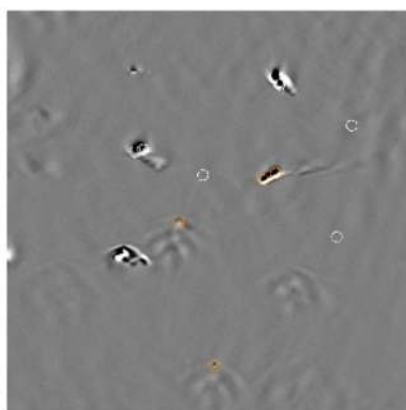
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 15:43:28 - UTC+2
End date: 23.08.2022 - 15:46:26

P16/IS isolate from conditioned culture media of *Phaeodactylum tricornutum* microalgae

Concentration	Median diameter	Mean diameter 436 nm Modal diameter 330 nm D90 814 nm D50 387 nm D10 178 nm Standard deviation 227 nm
5.11e+8 part/mL	387 nm	

Number of videos: 10
Saturation: 91%

Average counted particles: 11 /frame
Tracked particles: 166



Comments:

[MANUFACTURER] Acquisition stopped because maximum number of videos reached.
[MANUFACTURER] 7 videos with non-optimal saturation.

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 77

DETECTION

Threshold: 4.20
Macro particles
Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 27.2
Use water viscosity: yes
Viscosity (mPa.s): 0.847

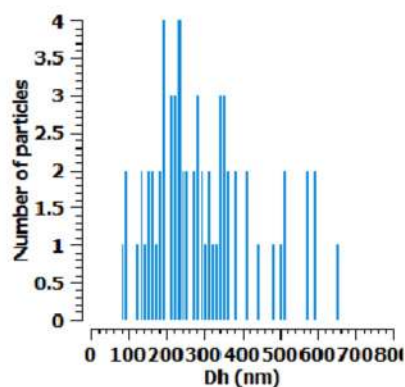
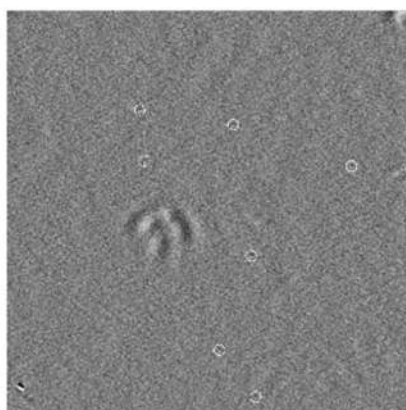
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 15:47:04 - UTC+2
End date: 23.08.2022 - 15:50:13

P21/IS isolate from conditioned culture media of *Phaeodactylum tricornutum* microalgae

Concentration	Median diameter	Mean diameter 331 nm Modal diameter 230 nm D90 588 nm D50 286 nm D10 150 nm Standard deviation 197 nm
3.45e+8 part/mL	286 nm	

Number of videos: 10
Saturation: 92%

Average counted particles: 7 /frame
Tracked particles: 70



Comments:

[MANUFACTURER] Acquisition stopped because maximum number of videos reached.

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 81

DETECTION

Threshold: 4.20

Macro particles

Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 27.2
Use water viscosity: yes
Viscosity (mPa.s): 0.847

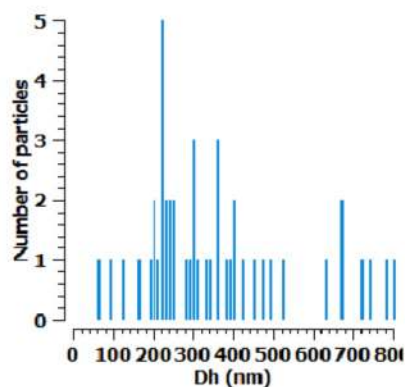
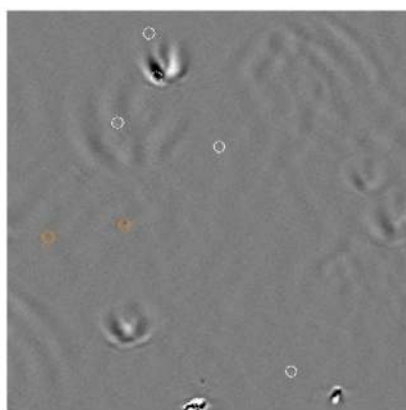
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 15:51:05 - UTC+2
End date: 23.08.2022 - 15:54:30

P26/IS isolate from conditioned culture media of *Phaeodactylum tricornutum* microalgae

Concentration	Median diameter	Mean diameter 413 nm Modal diameter 230 nm D90 824 nm D50 334 nm D10 199 nm Standard deviation 244 nm
2.45e+8 part/mL	334 nm	

Number of videos: 10
Saturation: 93%

Average counted particles: 6 /frame
Tracked particles: 51



Comments:

[MANUFACTURER] Acquisition stopped because maximum number of videos reached.
[MANUFACTURER] 3 videos with non-optimal saturation.

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 83

DETECTION

Threshold: 4.20
Macro particles
Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 27.2
Use water viscosity: yes
Viscosity (mPa.s): 0.847

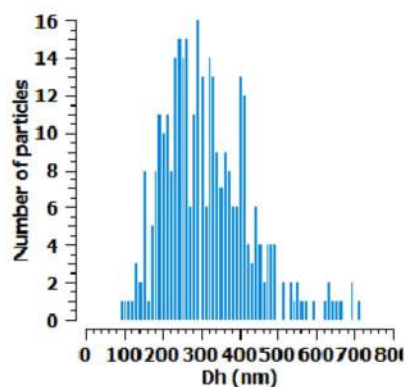
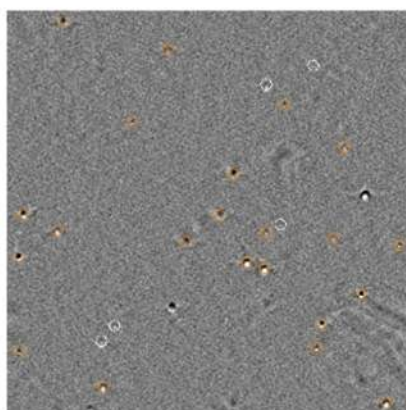
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 15:54:58 - UTC+2
End date: 23.08.2022 - 15:58:00

LA-1000 liposomes diluted 1000x

Concentration	Median diameter	Mean diameter 321 nm Modal diameter 295 nm D90 465 nm D50 303 nm D10 192 nm Standard deviation 119 nm
1.94e+9 part/mL	303 nm	

Number of videos: 8
Saturation: 93%

Average counted particles: 29 /frame
Tracked particles: 329



Comments:

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 83

DETECTION

Threshold: 4.20
Macro particles
Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 27.2
Use water viscosity: yes
Viscosity (mPa.s): 0.847

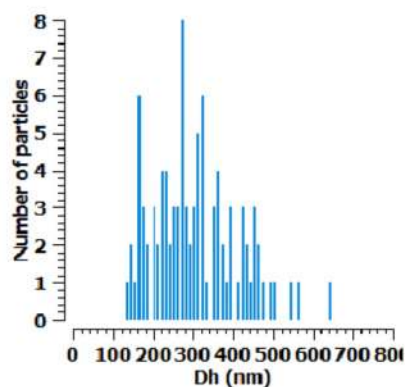
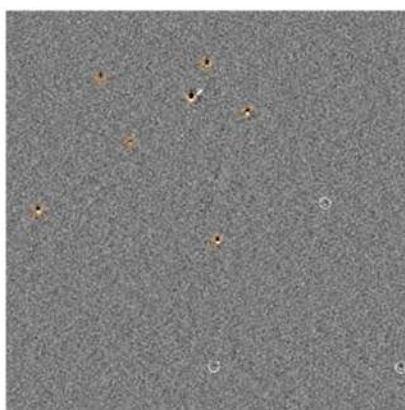
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 14:38:36 - UTC+2
End date: 23.08.2022 - 14:42:53

LB-1000 liposomes diluted 1000x

Concentration	Median diameter	Mean diameter 313 nm Modal diameter 270 nm D90 455 nm D50 294 nm D10 172 nm Standard deviation 119 nm
4.94e+8 part/mL	294 nm	

Number of videos: 10
Saturation: 93%

Average counted particles: 9 /frame
Tracked particles: 96



Comments:

[MANUFACTURER] Acquisition stopped because maximum number of videos reached.

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 82

DETECTION

Threshold: 4.20

Macro particles

Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 27.3
Use water viscosity: yes
Viscosity (mPa.s): 0.845

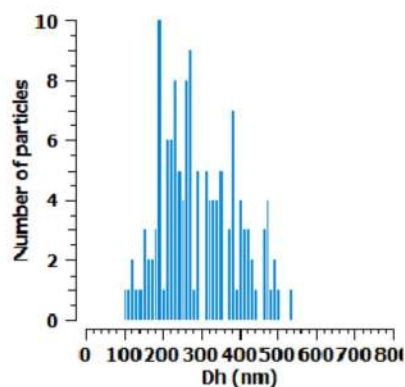
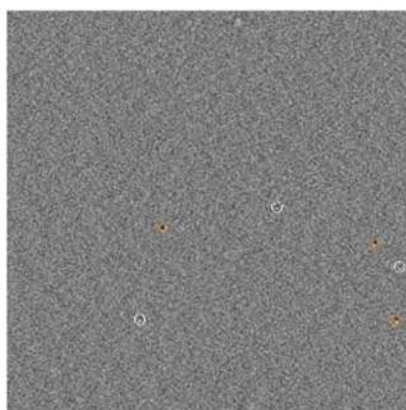
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 14:56:06 - UTC+2
End date: 23.08.2022 - 14:59:03

LC-1000 liposomes diluted 1000x

Concentration	Median diameter	Mean diameter 301 nm Modal diameter 195 nm D90 441 nm D50 273 nm D10 185 nm Standard deviation 110 nm
7.45e+8 part/mL	273 nm	

Number of videos: 10
Saturation: 92%

Average counted particles: 11 /frame
Tracked particles: 138



Comments:

[MANUFACTURER] Acquisition stopped because maximum number of videos reached.

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 82

DETECTION

Threshold: 4.20

Macro particles

Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 27.3
Use water viscosity: yes
Viscosity (mPa.s): 0.845

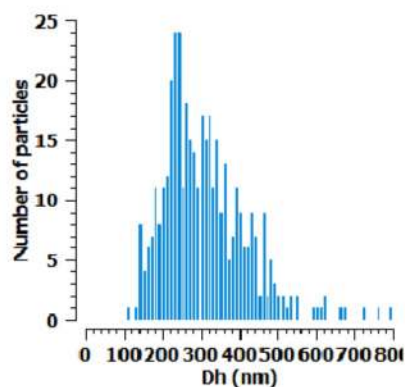
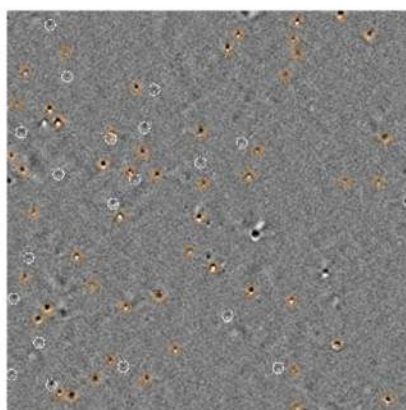
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 15:11:30 - UTC+2
End date: 23.08.2022 - 15:14:22

LA-100 liposomes diluted 100x

Concentration	Median diameter	Mean diameter 312 nm Modal diameter 235 nm D90 454 nm D50 296 nm D10 193 nm Standard deviation 108 nm
5.51e+9 part/mL	296 nm	

Number of videos: 3
Saturation: 93%

Average counted particles: 79 /frame
Tracked particles: 403



Comments:

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 83

DETECTION

Threshold: 4.20
Macro particles
Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 27.3
Use water viscosity: yes
Viscosity (mPa.s): 0.845

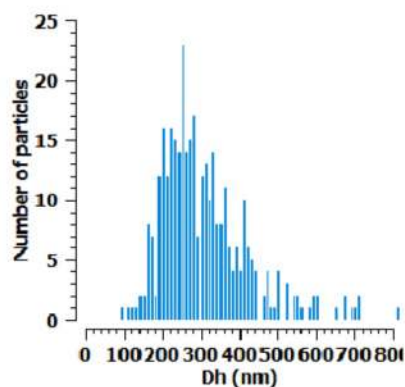
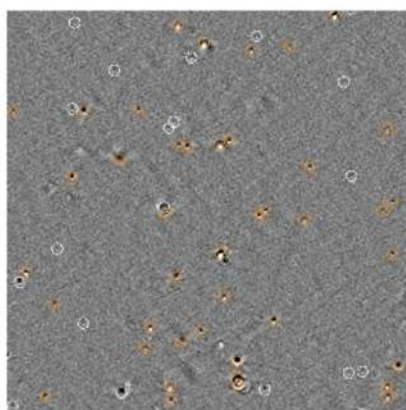
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 14:50:27 - UTC+2
End date: 23.08.2022 - 14:51:42

LB-100 liposomes diluted 100x

Concentration	Median diameter	Mean diameter 315 nm Modal diameter 255 nm D90 468 nm D50 286 nm D10 198 nm Standard deviation 123 nm
3.91e+9 part/mL	286 nm	

Number of videos: 4
Saturation: 92%

Average counted particles: 55 /frame
Tracked particles: 342



Comments:

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 82

DETECTION

Threshold: 4.20
Macro particles
Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 27.3
Use water viscosity: yes
Viscosity (mPa.s): 0.845

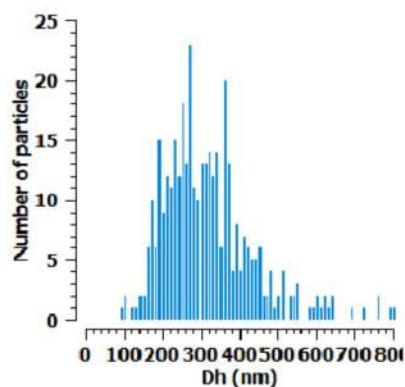
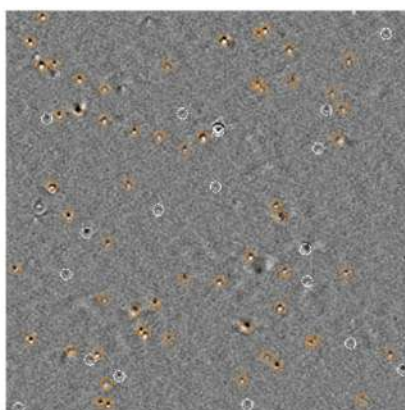
Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 15:07:00 - UTC+2
End date: 23.08.2022 - 15:08:47

LC-100 liposomes diluted 100x

Concentration	Median diameter	Mean diameter 326 nm Modal diameter 275 nm D90 480 nm D50 304 nm D10 194 nm Standard deviation 128 nm
5.30e+9 part/mL	304 nm	

Number of videos: 3
Saturation: 93%

Average counted particles: 75 /frame
Tracked particles: 371



Comments:

Settings:

ACQUISITION

Particles to track (minimum): 300
Max number of videos: 10
Number of frames: 100
Averaging frames: 100
Exposure time (ms): 0.90

LED SETTINGS

Intensity (%): 82

DETECTION

Threshold: 4.20
Macro particles
Minimum radius: 10
Minimum hot pixels: 80

PHYSICAL CONSTANTS

Temperature (°C): 27.3
Use water viscosity: yes
Viscosity (mPa.s): 0.845

Institution: Q4
Serial number: VD1-1911-0005
Software version: qvir: 2.6.0.7378
Operator: MYRIADE
Begin date: 23.08.2022 - 15:15:31 - UTC+2
End date: 23.08.2022 - 15:22:06