Příloha

231 XL 402 BiT

Created by: Administrator
Last Modified by: Administrator
On: 4/13/2012 12:47:37 PM
In: 735 Sampler Software V 6.10

Description:
Safety use = No

SAMPLER

231XL:
  Device parameters:
    UId = 10
    Contact Module Name = CONTACT
    LP Valve Name = LP VALVE
    Analog Input Name = ANALOG

Elements:
  Vertical Arm
    Size = 123 mm
  Inject Valve
    Valve Name = INJECTION VALVE
    Loop Size = 50 µl
    Calib Tubing Vol = 7 µl
    Connected To Port Number = 1
    Default Position = INJECT

PUMP

402BiT:
  Device parameters:
    UId = 0
    Reservoir Flowrate = 40 ml/min

Elements:
  Left Syringe
    Size = 5000 µl
  Right Syringe
    Syringe Size = 500 µl
    Tubing Size = 5000 µl

Tray Layout

Tray Layout

Bare Small XL
Zone Details

Zone Name: [DRAIN]
Color = clWhite
Type Injection Port/Drain/Sink
Tube count 3
Stay in place on pause = OFF
Withdrawal speed 200.0 mm/s

Zone Name: [INJECT]
Color = $008000FF
Type Regular
Tube count 1
Needle Height 0.0 mm
Stay in place on pause = OFF
Withdrawal speed 200.0 mm/s
Initial contents = 100.0 µl
Underflow checking = OFF
Overflow checking = OFF

Zone Name: REAGENT
Color = clLime
Type Regular
Tube count 0
Needle Height 0.0 mm
Stay in place on pause = OFF
Withdrawal speed 200.0 mm/s
Initial contents = 200.0 µl
Underflow checking = OFF
Overflow checking = OFF

Zone Name: RESULT
Color = $00F1540F
Type Regular
Tube count 0
Needle Height 0.0 mm
Stay in place on pause = OFF
Withdrawal speed 200.0 mm/s
Initial contents = 100.0 µl
Underflow checking = OFF
Overflow checking = OFF
**Zone Name: RESULT1**
Color = clGreen
Type Regular
Tube count 16
Needle Height 0.0 mm
Stay in place on pause = OFF
Withdrawal speed 200.0 mm/s
Initial contents = 100.0 µl
Underflow checking = OFF
Overflow checking = OFF

**Zone Name: SAMPLE**
Color = clRed
Type Regular
Tube count 16
Needle Height 0.0 mm
Stay in place on pause = OFF
Withdrawal speed 200.0 mm/s
Initial contents = 200.0 µl
Underflow checking = OFF
Overflow checking = OFF

**Zone Name: SAMPLE1**
Color = $004080FF
Type Regular
Tube count 16
Needle Height 0.0 mm
Stay in place on pause = OFF
Withdrawal speed 200.0 mm/s
Initial contents = 100.0 µl
Underflow checking = OFF
Overflow checking = OFF

**Zone Assignment**
Details of Port Bar Small XL Antlers Series 0 (Footprint :1)

<table>
<thead>
<tr>
<th>X (mm)</th>
<th>Y (mm)</th>
<th>Z (mm)</th>
<th>Zone</th>
<th>Tube Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>202</td>
<td>11.7</td>
<td>88</td>
<td>[INJECT]</td>
<td>1</td>
</tr>
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</table>

Details of Microplate Nunc F96 (Footprint 1:1:1)

<table>
<thead>
<tr>
<th>X (mm)</th>
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<th>Z (mm)</th>
<th>Zone</th>
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<td>123.9</td>
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<td>123.9</td>
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<td>73.7</td>
<td>18.5</td>
<td>123.9</td>
<td>SAMPLE</td>
<td>3</td>
</tr>
<tr>
<td>82.7</td>
<td>18.5</td>
<td>123.9</td>
<td>SAMPLE</td>
<td>4</td>
</tr>
<tr>
<td>SAMPLE</td>
<td>RESULT1</td>
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<tr>
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<tr>
<td>91.7</td>
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<tr>
<td>100.7</td>
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<tr>
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### Details of Rinse Station XL (40) (Footprint 1:2)

<table>
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<th>X (mm)</th>
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<th>Z (mm)</th>
<th>Zone</th>
<th>Tube Number</th>
</tr>
</thead>
<tbody>
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<td>1</td>
</tr>
<tr>
<td>7</td>
<td>0</td>
<td>101.7</td>
<td>[DRAIN]</td>
<td>2</td>
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<td>14</td>
<td>0</td>
<td>72.7</td>
<td>[DRAIN]</td>
<td>3</td>
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1. program
Redeni Vzorku

Created by: Administrator
On: 4/18/2012 1:19:38 PM
Last Modified by: Administrator
On: 4/18/2012 1:24:03 PM
In: 735 Sampler Software V 6.10

Sub Elements Dates
Configuration: 231 XL 402 BiT modified by Administrator on 4/13/2012 12:47:37 PM
Tray: Traynamichanivzorku modified by Administrator on 4/18/2012 1:29:21 PM

Description:
Method Type = Fixed Tray sequential
Configuration = 231 XL 402 BiT
Tray = Traynamichanivzorku
Lasso in Zone = SAMPLE

Comments:
No comments

Thread Number 1
Mix

Task Parameters:
- Mixing Zone = SAMPLE
- Nb Of Cycles = 2
- Asp Flow Rate = 1 ml/min
- Mode = Air
- Volume = 100 µl
- Disp Flow Rate = 10 ml/min
- Height = 0 mm

Task Parameters:
AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min
RINSE:
- Inside Volume = 250 µl
- Inside Flow Rate = 20 ml/min
- Outside Volume = 500 µl
- Outside Flow Rate = 20 ml/min
- Depth = 25 mm
- Equilibration Time = 0 s
Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP

**Add**

Task Parameters:
- Source Name = SAMPLE
- Source Volume = 150 µl
- Result Name = RESULT1

Task Parameters:
SOLUTION:
- Extra Volume = 0 µl
AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min

SOURCE:
- Flow Rate = 1.5 ml/min
AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min
- Result Flow Rate = 3 ml/min

RINSE:
- Inside Volume = 250 µl
  - Inside Flow Rate = 20 ml/min
  - Outside Volume = 500 µl
  - Outside Flow Rate = 20 ml/min
  - Depth = 25 mm
- Equilibration Time = 0 s

Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP

**Mix**

Task Parameters:
- Mixing Zone = SAMPLE1
- Nb Of Cycles = 2
- Asp Flow Rate = 1 ml/min
- Mode = Liquid
- Extra Volume = 100 µl
- Aspirating Height = 0 mm
Task Parameters:

AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min

RINSE:
- Inside Volume = 250 µl
- Inside Flow Rate = 20 ml/min
- Outside Volume = 500 µl
- Outside Flow Rate = 20 ml/min
- Depth = 25 mm
- Equilibration Time = 0 s

Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP

Add

Task Parameters:
- Source Name = SAMPLE1
- Source Volume = 150 µl
- Result Name = RESULT1

Task Parameters:
SOLUTION:
- Extra Volume = 0 µl
AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min

SOURCE:
- Flow Rate = 1.5 ml/min
AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min
- Result Flow Rate = 3 ml/min
RINSE:
- Inside Volume = 250 µl
  - Inside Flow Rate = 20 ml/min
  - Outside Volume = 500 µl
  - Outside Flow Rate = 20 ml/min
  - Depth = 25 mm
- Equilibration Time = 0 s

Devices:
Redeni Vzorku2

Created by: Administrator
On: 4/18/2012 1:28:39 PM
In: 735 Sampler Software V 6.10

Sub Elements Dates
Configuration: 231 XL 402 BiT modified by Administrator on 4/13/2012 12:47:37 PM
Tray: Traynamichanivzorku modified by Administrator on 4/18/2012 1:29:21 PM

Description:
Method Type = Fixed Tray sequential
Configuration = 231 XL 402 BiT
Tray = Traynamichanivzorku
Lasso in Zone = SAMPLE

Comments:
No comments

Thread Number 1
Mix

Task Parameters:
- Mixing Zone = SAMPLE
- Nb Of Cycles = 2
- Asp Flow Rate = 1 ml/min
- Mode = Liquid
- Extra Volume = 100 µl
- Aspirating Height = 0 mm

Task Parameters:
AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min
RINSE:
- Inside Volume = 250 µl
- Inside Flow Rate = 20 ml/min
- Outside Volume = 500 µl
- Outside Flow Rate = 20 ml/min
- Depth = 25 mm
- Equilibration Time = 0 s

Devices:
- Sampler Name = SAMPLER
• Pump Name = PUMP

Add

Task Parameters:
• Source Name = SAMPLE
• Source Volume = 75 µl
• Result Name = RESULT1

Task Parameters:
SOLUTION:
• Extra Volume = 0 µl
AIR GAP:
• Volume = 6 µl
• Flow Rate = 0.3 ml/min
SOURCE:
• Flow Rate = 1.5 ml/min
AIR GAP:
• Volume = 6 µl
• Flow Rate = 0.3 ml/min
• Result Flow Rate = 3 ml/min
RINSE:
• Inside Volume = 250 µl
  • Inside Flow Rate = 20 ml/min
  • Outside Volume = 500 µl
  • Outside Flow Rate = 20 ml/min
  • Depth = 25 mm
• Equilibration Time = 0 s

Devices:
• Sampler Name = SAMPLER
• Pump Name = PUMP

Mix

Task Parameters:
• Mixing Zone = SAMPLE1
• Nb Of Cycles = 2
• Asp Flow Rate = 1 ml/min
• Mode = Liquid
• Extra Volume = 100 µl
• Aspirating Height = 0 mm

Task Parameters:
AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min

RINSE:
- Inside Volume = 250 µl
- Inside Flow Rate = 20 ml/min
- Outside Volume = 500 µl
- Outside Flow Rate = 20 ml/min
- Depth = 25 mm
- Equilibration Time = 0 s

Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP

Add

Task Parameters:
- Source Name = SAMPLE1
- Source Volume = 225 µl
- Result Name = RESULT1

Task Parameters:
- SOLUTION:
  - Extra Volume = 0 µl
- AIR GAP:
  - Volume = 6 µl
  - Flow Rate = 0.3 ml/min
- SOURCE:
  - Flow Rate = 1.5 ml/min
- AIR GAP:
  - Volume = 6 µl
  - Flow Rate = 0.3 ml/min
- Result Flow Rate = 3 ml/min
- RINSE:
  - Inside Volume = 250 µl
    - Inside Flow Rate = 20 ml/min
    - Outside Volume = 500 µl
    - Outside Flow Rate = 20 ml/min
    - Depth = 25 mm
    - Equilibration Time = 0 s

Devices:
- Sampler Name = SAMPLER
• Pump Name = PUMP

Redeni Vzorku1

Created by : Administrator
On : 4/18/2012 1:33:59 PM
Last Modified by: Administrator
On : 4/18/2012 1:34:13 PM
In : 735 Sampler Software V 6.10

Sub Elements Dates
Configuration : 231 XL 402 BiT modified by Administrator on 4/13/2012 12:47:37 PM
Tray : Traynaminichanivzorku modified by Administrator on 4/18/2012 1:29:21 PM

Description:
Method Type = Fixed Tray sequential
Configuration = 231 XL 402 BiT
Tray = Traynaminichanivzorku
Lasso in Zone = SAMPLE

Comments:
No comments

Thread Number 1

Mix

Task Parameters:
• Mixing Zone = SAMPLE
• Nb Of Cycles = 2
• Asp Flow Rate = 1 ml/min
• Mode = Liquid
• Extra Volume = 100 µl
• Aspirating Height = 0 mm

Task Parameters:
AIR GAP:
• Volume = 6 µl
• Flow Rate = 0.3 ml/min
RINSE:
• Inside Volume = 250 µl
• Inside Flow Rate = 20 ml/min
• Outside Volume = 500 µl
• Outside Flow Rate = 20 ml/min
• Depth = 25 mm
• Equilibration Time = 0 s

Devices:
• Sampler Name = SAMPLER
• Pump Name = PUMP

Add

Task Parameters:
• Source Name = SAMPLE
• Source Volume = 300 µl
• Result Name = RESULT1

Task Parameters:
SOLUTION:
• Extra Volume = 0 µl
AIR GAP:
• Volume = 6 µl
• Flow Rate = 0.3 ml/min

SOURCE:
• Flow Rate = 1.5 ml/min
AIR GAP:
• Volume = 6 µl
• Flow Rate = 0.3 ml/min
• Result Flow Rate = 3 ml/min

RINSE:
• Inside Volume = 250 µl
  • Inside Flow Rate = 20 ml/min
  • Outside Volume = 500 µl
  • Outside Flow Rate = 20 ml/min
  • Depth = 25 mm
• Equilibration Time = 0 s

Devices:
• Sampler Name = SAMPLER
• Pump Name = PUMP

Redeni Vzorku1

Created by: Administrator
On: 4/18/2012 1:33:59 PM
Last Modified by: Administrator
On: 4/18/2012 1:34:13 PM
In: 735 Sampler Software V 6.10

Sub Elements Dates
Configuration: 231 XL 402 BiT modified by Administrator on 4/13/2012 12:47:37 PM
Tray: Traynamichanivzorku modified by Administrator on 4/18/2012 1:29:21 PM
**Description:**
- **Method Type**: Fixed Tray sequential
- **Configuration**: 231 XL 402 BiT
- **Tray**: Traynamichanivzorku
- **Lasso in Zone**: SAMPLE

**Comments:**
No comments

**Thread Number 1**

**Mix**

Task Parameters:
- Mixing Zone = SAMPLE
- Nb Of Cycles = 2
- Asp Flow Rate = 1 ml/min
- Mode = Liquid
- Extra Volume = 100 µl
- Aspirating Height = 0 mm

Task Parameters:
AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min

RINSE:
- Inside Volume = 250 µl
- Inside Flow Rate = 20 ml/min
- Outside Volume = 500 µl
- Outside Flow Rate = 20 ml/min
- Depth = 25 mm
- Equilibration Time = 0 s

**Devices:**
- Sampler Name = SAMPLER
- Pump Name = PUMP

**Add**

Task Parameters:
- Source Name = SAMPLE
- Source Volume = 300 µl
- Result Name = RESULT1

Task Parameters:
SOLUTION:
Extra Volume = 0 µl
AIR GAP:
  • Volume = 6 µl
  • Flow Rate = 0.3 ml/min

SOURCE:
  • Flow Rate = 1.5 ml/min
  AIR GAP:
    • Volume = 6 µl
    • Flow Rate = 0.3 ml/min
  • Result Flow Rate = 3 ml/min

RINSE:
  • Inside Volume = 250 µl
    • Inside Flow Rate = 20 ml/min
    • Outside Volume = 500 µl
    • Outside Flow Rate = 20 ml/min
    • Depth = 25 mm
  • Equilibration Time = 0 s

Devices:
  • Sampler Name = SAMPLER
  • Pump Name = PUMP

Redeni Vzorku3

Created by: Administrator
On: 4/18/2012 1:32:22 PM
Last Modified by: Administrator
On: 4/18/2012 1:32:40 PM
In: 735 Sampler Software V 6.10

Sub Elements Dates
Configuration: 231 XL 402 BiT modified by Administrator on 4/13/2012 12:47:37 PM
Tray: Traynamichanivzorku modified by Administrator on 4/18/2012 1:29:21 PM

Description:
Method Type = Fixed Tray sequential
Configuration = 231 XL 402 BiT
Tray = Traynamichanivzorku
Lasso in Zone = SAMPLE

Comments:
No comments

Thread Number 1
Mix

Task Parameters:
  • Mixing Zone = SAMPLE
• Nb Of Cycles = 2
• Asp Flow Rate = 1 ml/min
• Mode = Liquid
• Extra Volume = 100 µl
• Aspirating Height = 0 mm

Task Parameters:
AIR GAP:
• Volume = 6 µl
• Flow Rate = 0.3 ml/min
RINSE:
• Inside Volume = 250 µl
• Inside Flow Rate = 20 ml/min
• Outside Volume = 500 µl
• Outside Flow Rate = 20 ml/min
• Depth = 25 mm
• Equilibration Time = 0 s

Devices:
• Sampler Name = SAMPLER
• Pump Name = PUMP

Add

Task Parameters:
• Source Name = SAMPLE
• Source Volume = 30 µl
• Result Name = RESULT1

Task Parameters:
SOLUTION:
• Extra Volume = 0 µl
AIR GAP:
• Volume = 6 µl
• Flow Rate = 0.3 ml/min
SOURCE:
• Flow Rate = 1.5 ml/min
AIR GAP:
• Volume = 6 µl
• Flow Rate = 0.3 ml/min
• Result Flow Rate = 3 ml/min
RINSE:
• Inside Volume = 250 µl
  • Inside Flow Rate = 20 ml/min
Outside Volume = 500 µl
Outside Flow Rate = 20 ml/min
Depth = 25 mm
Equilibration Time = 0 s

Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP

Mix

Task Parameters:
- Mixing Zone = SAMPLE1
- Nb Of Cycles = 2
- Asp Flow Rate = 1 ml/min
- Mode = Liquid
- Extra Volume = 100 µl
- Aspirating Height = 0 mm

Task Parameters:
AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min
RINSE:
- Inside Volume = 250 µl
- Inside Flow Rate = 20 ml/min
- Outside Volume = 500 µl
- Outside Flow Rate = 20 ml/min
- Depth = 25 mm
- Equilibration Time = 0 s

Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP

Add

Task Parameters:
- Source Name = SAMPLE1
- Source Volume = 270 µl
- Result Name = RESULT1

Task Parameters:
SOLUTION:
- Extra Volume = 0 µl

AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min

SOURCE:
- Flow Rate = 1.5 ml/min

AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min
- Result Flow Rate = 3 ml/min

RINSE:
- Inside Volume = 250 µl
  - Inside Flow Rate = 20 ml/min
  - Outside Volume = 500 µl
  - Outside Flow Rate = 20 ml/min
  - Depth = 25 mm
  - Equilibration Time = 0 s

Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP

Redeni Vzorku4

Created by: Administrator
On: 4/18/2012 1:35:29 PM
In: 735 Sampler Software V 6.10

Sub Elements Dates
Configuration: 231 XL 402 BiT modified by Administrator on 4/13/2012 12:47:37 PM
Tray: Traynamichanivzorku modified by Administrator on 4/18/2012 1:29:21 PM

Description:
- Method Type = Fixed Tray sequential
- Configuration = 231 XL 402 BiT
- Tray = Traynamichanivzorku
- Lasso in Zone = SAMPLE

Comments:
No comments

Thread Number 1
Mix

Task Parameters:
- Mixing Zone = SAMPLE
- Nb Of Cycles = 2
• Asp Flow Rate = 1 ml/min
• Mode = Liquid
• Extra Volume = 100 µl
• Aspirating Height = 0 mm

Task Parameters:
AIR GAP:
  • Volume = 6 µl
  • Flow Rate = 0.3 ml/min
RINSE:
  • Inside Volume = 250 µl
  • Inside Flow Rate = 20 ml/min
  • Outside Volume = 500 µl
  • Outside Flow Rate = 20 ml/min
  • Depth = 25 mm
  • Equilibration Time = 0 s

Devices:
  • Sampler Name = SAMPLER
  • Pump Name = PUMP

Add

Task Parameters:
  • Source Name = SAMPLE
  • Source Volume = 10 µl
  • Result Name = RESULT1

Task Parameters:
SOLUTION:
  • Extra Volume = 0 µl
AIR GAP:
  • Volume = 6 µl
  • Flow Rate = 0.3 ml/min
SOURCE:
  • Flow Rate = 1.5 ml/min
AIR GAP:
  • Volume = 6 µl
  • Flow Rate = 0.3 ml/min
  • Result Flow Rate = 3 ml/min
RINSE:
  • Inside Volume = 250 µl
    • Inside Flow Rate = 20 ml/min
    • Outside Volume = 500 µl
• Outside Flow Rate = 20 ml/min
• Depth = 25 mm
• Equilibration Time = 0 s

Devices:
• Sampler Name = SAMPLER
• Pump Name = PUMP

Mix

Task Parameters:
• Mixing Zone = SAMPLE1
• Nb Of Cycles = 2
• Asp Flow Rate = 1 ml/min
• Mode = Liquid
• Extra Volume = 100 µl
• Aspirating Height = 0 mm

Task Parameters:
AIR GAP:
• Volume = 6 µl
• Flow Rate = 0.3 ml/min
RINSE:
• Inside Volume = 250 µl
• Inside Flow Rate = 20 ml/min
• Outside Volume = 500 µl
• Outside Flow Rate = 20 ml/min
• Depth = 25 mm
• Equilibration Time = 0 s

Devices:
• Sampler Name = SAMPLER
• Pump Name = PUMP

Add

Task Parameters:
• Source Name = SAMPLE1
• Source Volume = 290 µl
• Result Name = RESULT1

Task Parameters:
SOLUTION:
• Extra Volume = 0 µl
  AIR GAP:
  • Volume = 6 µl
  • Flow Rate = 0.3 ml/min

SOURCE:
• Flow Rate = 1.5 ml/min
  AIR GAP:
  • Volume = 6 µl
  • Flow Rate = 0.3 ml/min
• Result Flow Rate = 3 ml/min

RINSE:
• Inside Volume = 250 µl
  • Inside Flow Rate = 20 ml/min
  • Outside Volume = 500 µl
  • Outside Flow Rate = 20 ml/min
  • Depth = 25 mm
• Equilibration Time = 0 s

Devices:
• Sampler Name = SAMPLER
• Pump Name = PUMP

Redeni Vzorku5

Created by: Administrator
On: 4/18/2012 1:36:34 PM
In: 735 Sampler Software V 6.10

Sub Elements Dates
Configuration: 231 XL 402 BiT modified by Administrator on 4/13/2012 12:47:37 PM
Tray: Traynamichanivzorku modified by Administrator on 4/18/2012 1:29:21 PM

Description:
Method Type = Fixed Tray sequential
Configuration = 231 XL 402 BiT
Tray = Traynamichanivzorku
Lasso in Zone = SAMPLE

Comments:
No comments

Thread Number 1
Mix

Task Parameters:
• Mixing Zone = SAMPLE
• Nb Of Cycles = 2
• Asp Flow Rate = 1 ml/min
• Mode = Liquid
• Extra Volume = 100 µl
• Aspirating Height = 0 mm

Task Parameters:
AIR GAP:
• Volume = 6 µl
• Flow Rate = 0.3 ml/min
RINSE:
• Inside Volume = 250 µl
• Inside Flow Rate = 20 ml/min
• Outside Volume = 500 µl
• Outside Flow Rate = 20 ml/min
• Depth = 25 mm
• Equilibration Time = 0 s

Devices:
• Sampler Name = SAMPLER
• Pump Name = PUMP

Add

Task Parameters:
• Source Name = SAMPLE
• Source Volume = 5 µl
• Result Name = RESULT1

Task Parameters:
SOLUTION:
• Extra Volume = 0 µl
AIR GAP:
• Volume = 6 µl
• Flow Rate = 0.3 ml/min
SOURCE:
• Flow Rate = 1.5 ml/min
AIR GAP:
• Volume = 6 µl
• Flow Rate = 0.3 ml/min
• Result Flow Rate = 3 ml/min
RINSE:
• Inside Volume = 250 µl
  • Inside Flow Rate = 20 ml/min
  • Outside Volume = 500 µl
- Outside Flow Rate = 20 ml/min
- Depth = 25 mm
- Equilibration Time = 0 s

Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP

**Mix**

Task Parameters:
- Mixing Zone = SAMPLE1
- Nb Of Cycles = 2
- Asp Flow Rate = 1 ml/min
- Mode = Liquid
- Extra Volume = 100 µl
- Aspirating Height = 0 mm

Task Parameters:
AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min

RINSE:
- Inside Volume = 250 µl
- Inside Flow Rate = 20 ml/min
- Outside Volume = 500 µl
- Outside Flow Rate = 20 ml/min
- Depth = 25 mm
- Equilibration Time = 0 s

Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP

**Add**

Task Parameters:
- Source Name = SAMPLE1
- Source Volume = 295 µl
- Result Name = RESULT1

Task Parameters:
SOLUTION:
- Extra Volume = 0 µl
  AIR GAP:
  - Volume = 6 µl
  - Flow Rate = 0.3 ml/min

SOURCE:
- Flow Rate = 1.5 ml/min
  AIR GAP:
  - Volume = 6 µl
  - Flow Rate = 0.3 ml/min
- Result Flow Rate = 3 ml/min

RINSE:
- Inside Volume = 250 µl
  - Inside Flow Rate = 20 ml/min
  - Outside Volume = 500 µl
  - Outside Flow Rate = 20 ml/min
  - Depth = 25 mm
- Equilibration Time = 0 s

Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP

Redeni Vzorku6
Created by: Administrator
On: 4/18/2012 1:37:47 PM
In: 735 Sampler Software V 6.10

Sub Elements Dates
Configuration: 231 XL 402 BiT modified by Administrator on 4/13/2012 12:47:37 PM
Tray: Traynamichanivzorku modified by Administrator on 4/18/2012 1:29:21 PM

Description:
Method Type = Fixed Tray sequential
Configuration = 231 XL 402 BiT
Tray = Traynamichanivzorku
Lasso in Zone = SAMPLE

Comments:
No comments

Thread Number 1
Mix

Task Parameters:
- Mixing Zone = SAMPLE
- Nb Of Cycles = 2
- Asp Flow Rate = 1 ml/min
• Mode = Liquid
• Extra Volume = 100 µl
• Aspirating Height = 0 mm

Task Parameters:
AIR GAP:
• Volume = 6 µl
• Flow Rate = 0.3 ml/min
RINSE:
• Inside Volume = 250 µl
• Inside Flow Rate = 20 ml/min
• Outside Volume = 500 µl
• Outside Flow Rate = 20 ml/min
• Depth = 25 mm
• Equilibration Time = 0 s

Devices:
• Sampler Name = SAMPLER
• Pump Name = PUMP

Add

Task Parameters:
• Source Name = SAMPLE
• Source Volume = 3 µl
• Result Name = RESULT1

Task Parameters:
SOLUTION:
• Extra Volume = 0 µl
AIR GAP:
• Volume = 6 µl
• Flow Rate = 0.3 ml/min
SOURCE:
• Flow Rate = 1.5 ml/min
AIR GAP:
• Volume = 6 µl
• Flow Rate = 0.3 ml/min
• Result Flow Rate = 3 ml/min
RINSE:
• Inside Volume = 250 µl
• Inside Flow Rate = 20 ml/min
• Outside Volume = 500 µl
• Outside Flow Rate = 20 ml/min
- Depth = 25 mm
- Equilibration Time = 0 s

Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP

**Mix**

Task Parameters:
- Mixing Zone = SAMPLE1
- Nb Of Cycles = 2
- Asp Flow Rate = 1 ml/min
- Mode = Liquid
- Extra Volume = 100 µl
- Aspirating Height = 0 mm

Task Parameters:
AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min
RINSE:
- Inside Volume = 250 µl
- Inside Flow Rate = 20 ml/min
- Outside Volume = 500 µl
- Outside Flow Rate = 20 ml/min
- Depth = 25 mm
- Equilibration Time = 0 s

Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP

**Add**

Task Parameters:
- Source Name = SAMPLE1
- Source Volume = 297 µl
- Result Name = RESULT1

Task Parameters:
SOLUTION:
- Extra Volume = 0 µl
AIR GAP:
• Volume = 6 µl
• Flow Rate = 0.3 ml/min

**SOURCE:**
• Flow Rate = 1.5 ml/min

**AIR GAP:**
• Volume = 6 µl
• Flow Rate = 0.3 ml/min
• Result Flow Rate = 3 ml/min

**RINSE:**
• Inside Volume = 250 µl
  • Inside Flow Rate = 20 ml/min
  • Outside Volume = 500 µl
  • Outside Flow Rate = 20 ml/min
  • Depth = 25 mm
• Equilibration Time = 0 s

**Devices:**
• Sampler Name = SAMPLER
• Pump Name = PUMP

---

**Redeni Vzorku7**

**Created by:** Administrator
**On:** 4/18/2012 1:38:58 PM
**Last Modified by:** Administrator
**On:** 4/18/2012 2:05:59 PM
**In:** 735 Sampler Software V 6.10

**Sub Elements Dates**
**Configuration:** 231 XL 402 BiT modified by Administrator on 4/13/2012 12:47:37 PM
**Tray:** Traynamichanivzorku modified by Administrator on 4/18/2012 1:29:21 PM

**Description:**
**Method Type** = Fixed Tray sequential
**Configuration** = 231 XL 402 BiT
**Tray** = Traynamichanivzorku
**Lasso in Zone** = SAMPLE

**Comments:**
No comments

---

**Thread Number 1**

**Mix**

**Task Parameters:**
• Mixing Zone = SAMPLE
• Nb Of Cycles = 2
- Asp Flow Rate = 1 ml/min
- Mode = Liquid
- Extra Volume = 100 µl
- Aspirating Height = 0 mm

Task Parameters:
AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min
RINSE:
- Inside Volume = 250 µl
- Inside Flow Rate = 20 ml/min
- Outside Volume = 500 µl
- Outside Flow Rate = 20 ml/min
- Depth = 25 mm
- Equilibration Time = 0 s

Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP

Add

Task Parameters:
- Source Name = SAMPLE
- Source Volume = 2 µl
- Result Name = RESULT1

Task Parameters:
SOLUTION:
- Extra Volume = 0 µl
  AIR GAP:
  - Volume = 6 µl
  - Flow Rate = 0.3 ml/min
SOURCE:
- Flow Rate = 1.5 ml/min
  AIR GAP:
  - Volume = 6 µl
  - Flow Rate = 0.3 ml/min
- Result Flow Rate = 3 ml/min
RINSE:
- Inside Volume = 250 µl
  - Inside Flow Rate = 20 ml/min
  - Outside Volume = 500 µl
  - Outside Flow Rate = 20 ml/min
• Depth = 25 mm
• Equilibration Time = 0 s

Devices:
• Sampler Name = SAMPLER
• Pump Name = PUMP

**Mix**

Task Parameters:
• Mixing Zone = SAMPLE1
• Nb Of Cycles = 2
• Asp Flow Rate = 1 ml/min
• Mode = Liquid
• Extra Volume = 100 µl
• Aspirating Height = 0 mm

Task Parameters:
AIR GAP:
• Volume = 6 µl
• Flow Rate = 0.3 ml/min
RINSE:
• Inside Volume = 250 µl
• Inside Flow Rate = 20 ml/min
• Outside Volume = 500 µl
• Outside Flow Rate = 20 ml/min
• Depth = 25 mm
• Equilibration Time = 0 s

Devices:
• Sampler Name = SAMPLER
• Pump Name = PUMP

**Add**

Task Parameters:
• Source Name = SAMPLE1
• Source Volume = 298 µl
• Result Name = RESULT1

Task Parameters:
SOLUTION:
• Extra Volume = 0 µl
AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min

SOURCE:
- Flow Rate = 1.5 ml/min
AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min
- Result Flow Rate = 3 ml/min

RINSE:
- Inside Volume = 250 µl
  - Inside Flow Rate = 20 ml/min
  - Outside Volume = 500 µl
  - Outside Flow Rate = 20 ml/min
  - Depth = 25 mm
  - Equilibration Time = 0 s

Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP

**Castice Mps1**

**Created by**: Administrator  
**On**: 4/18/2012 1:43:25 PM  
**In**: 735 Sampler Software V 6.10

**Sub Elements Dates**
- **Configuration**: 231 XL 402 BiT modified by Administrator on 4/13/2012 12:47:37 PM
- **Tray**: Traynamichanivzorku modified by Administrator on 4/18/2012 1:29:21 PM

**Description**:
- **Method Type** = Fixed Tray sequential
- **Configuration** = 231 XL 402 BiT
- **Tray** = Traynamichanivzorku

**Comments**:
No comments

**Thread Number 1**

**Wait**

Task Parameters:
- Wait For = Time
- Time = 5 min

Task Parameters:
Hold On Pause = False

**Injekt Substrat**

Created by: Administrator  
On: 4/18/2012 1:58:18 PM  
Last Modified by: Administrator  
On: 4/18/2012 2:00:36 PM  
In: 735 Sampler Software V 6.10

**Sub Elements Dates**

Configuration: 231 XL 402 BiT modified by Administrator on 4/13/2012 12:47:37 PM  
Tray: Traynamichanivzorku modified by Administrator on 4/18/2012 1:29:21 PM

**Description:**

- Method Type: Fixed Tray sequential
- Configuration: 231 XL 402 BiT
- Tray: Traynamichanivzorku
- Lasso in Zone: RESULT1

**Comments:**

No comments

**Thread Number 1**

**Wait**

Task Parameters:
- Wait For = Time
- Time = 0.4 min

Task Parameters:
- Hold On Pause = False

**Mix**

Task Parameters:
- Mixing Zone = RESULT1
- Nb Of Cycles = 2
- Asp Flow Rate = 1 ml/min
- Mode = Air
- Volume = 100 µl
- Disp Flow Rate = 10 ml/min
- Height = 0 mm

Task Parameters:
- AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min

RINSE:
- Inside Volume = 250 µl
- Inside Flow Rate = 20 ml/min
- Outside Volume = 500 µl
- Outside Flow Rate = 20 ml/min
- Depth = 25 mm
- Equilibration Time = 0 s

Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP

**Inject**

Task Parameters:
- Source Name = RESULT1
- Number of Injections = 1
- Valve Rinsing Volume = 500 µl

INJECTION MODE:
- Mode = Total_Loop
- Loop Filling Coefficient = 2
- Extra Volume = 0 µl
- Air Gap Volume = 6 µl
- Injection Flush Volume = 0 µl

COORDINATION MODE:
- Coordination = Time
- Chromatography Time = 0.2 min

Task Parameters:
- Injection Port Number = 1
- Disp Flow Rate = 0.3 ml/min
- Valve Rinsing Flow Rate = 3 ml/min

SOURCE:
- Asp Flow Rate = 0.3 ml/min

AIR GAP:
- Flow Rate = 0.3 ml/min

RINSE:
- Inside Volume = 250 µl
- Inside Flow Rate = 20 ml/min
- Outside Volume = 500 µl
- Outside Flow Rate = 20 ml/min
- Depth = 25 mm
- Equilibration Time = 0 s

Output Contact 1:
- Contact Number = 2
- Contact State = On

Output Contact 2:
- Contact Number = 2
- Pulse Duration = 1.8 s

Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP
- Contact Module Name = CONTACT

**Kalibracni Krivka Na Substrat**

*Created by*: Administrator  
*On*: 4/18/2012 1:56:15 PM  
*Last Modified by*: Administrator  
*On*: 4/18/2012 2:02:19 PM  
*In*: 735 Sampler Software V 6.10

Configuration: 231 XL 402 BiT  
Tray: Traynamichanivzorku

**Sub Elements Dates**

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**Operation List: 1**

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2. program

Redeni Substratu 10x U Inhibice

Created by: Administrator
On: 4/18/2012 2:07:47 PM
In: 735 Sampler Software V 6.10

Sub Elements Dates
Configuration: 231 XL 402 BiT modified by Administrator on 4/13/2012 12:47:37 PM
Tray: Traynamichanivzorku modified by Administrator on 4/18/2012 1:29:21 PM

Description:
Method Type = Fixed Tray sequential
Configuration = 231 XL 402 BiT
Tray = Traynamichanivzorku
Lasso in Zone = SAMPLE

Comments:
No comments

Thread Number 1

Mix

Task Parameters:
- Mixing Zone = SAMPLE
- Nb Of Cycles = 2
- Asp Flow Rate = 1 ml/min
- Mode = Air
- Volume = 100 µl
- Disp Flow Rate = 10 ml/min
- Height = 0 mm

Task Parameters:
AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min
RINSE:
- Inside Volume = 250 µl
- Inside Flow Rate = 20 ml/min
- Outside Volume = 500 µl
- Outside Flow Rate = 20 ml/min
- Depth = 25 mm
- Equilibration Time = 0 s
Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP

**Add**

Task Parameters:
- Source Name = SAMPLE
- Source Volume = 30 µl
- Result Name = RESULT1

Task Parameters:
**SOLUTION:**
- Extra Volume = 0 µl
**AIR GAP:**
- Volume = 6 µl
- Flow Rate = 0.3 ml/min

**SOURCE:**
- Flow Rate = 1.5 ml/min
**AIR GAP:**
- Volume = 6 µl
- Flow Rate = 0.3 ml/min
- Result Flow Rate = 3 ml/min

**RINSE:**
- Inside Volume = 250 µl
  - Inside Flow Rate = 20 ml/min
  - Outside Volume = 500 µl
  - Outside Flow Rate = 20 ml/min
  - Depth = 25 mm
- Equilibration Time = 0 s

Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP

**Mix**

Task Parameters:
- Mixing Zone = SAMPLE1
- Nb Of Cycles = 2
- Asp Flow Rate = 1 ml/min
- Mode = Air
- Volume = 100 µl
- Disp Flow Rate = 10 ml/min
- Height = 0 mm
Task Parameters:

AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min

RINSE:
- Inside Volume = 250 µl
- Inside Flow Rate = 20 ml/min
- Outside Volume = 500 µl
- Outside Flow Rate = 20 ml/min
- Depth = 25 mm
- Equilibration Time = 0 s

Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP

Add

Task Parameters:
- Source Name = SAMPLE1
- Source Volume = 270 µl
- Result Name = RESULT1

Task Parameters:
SOLUTION:
- Extra Volume = 0 µl
AIR GAP:
- Volume = 6 µl
  Flow Rate = 0.3 ml/min
SOURCE:
- Flow Rate = 1.5 ml/min
  AIR GAP:
  - Volume = 6 µl
  - Flow Rate = 0.3 ml/min
- Result Flow Rate = 3 ml/min
RINSE:
- Inside Volume = 250 µl
  - Inside Flow Rate = 20 ml/min
  - Outside Volume = 500 µl
  - Outside Flow Rate = 20 ml/min
  - Depth = 25 mm
- Equilibration Time = 0 s
Devices:
  • Sampler Name = SAMPLER
  • Pump Name = PUMP

**Injekt**

*Created by:* Administrator  
*On:* 4/18/2012 1:39:56 PM  
*Last Modified by:* Administrator  
*On:* 4/18/2012 1:41:42 PM  
*In:* 735 Sampler Software V 6.10

**Sub Elements Dates**

*Configuration:* 231 XL 402 BiT modified by Administrator on 4/13/2012 12:47:37 PM  
*Tray:* Traynamichanivzorku modified by Administrator on 4/18/2012 1:29:21 PM

**Description:**

*Method Type:* Fixed Tray sequential  
*Configuration:* 231 XL 402 BiT  
*Tray:* Traynamichanivzorku  
*Lasso in Zone:* RESULT1

**Comments:**

No comments

**Thread Number 1**

*Wait*

Task Parameters:
  • Wait For = Time  
  • Time = 0.4 min

Task Parameters:
  • Hold On Pause = False

*Mix*

Task Parameters:
  • Mixing Zone = RESULT1  
  • Nb Of Cycles = 2  
  • Asp Flow Rate = 1 ml/min  
  • Mode = Air  
  • Volume = 100 µl  
  • Disp Flow Rate = 10 ml/min  
  • Height = 0 mm

Task Parameters:
AIR GAP:
- Volume = 6 µl
- Flow Rate = 0.3 ml/min

RINSE:
- Inside Volume = 250 µl
- Inside Flow Rate = 20 ml/min
- Outside Volume = 500 µl
- Outside Flow Rate = 20 ml/min
- Depth = 25 mm
- Equilibration Time = 0 s

Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP

Inject

Task Parameters:
- Source Name = RESULT1
- Number of Injections = 1
- Valve Rinsing Volume = 500 µl

INJECTION MODE:
- Mode = Total_Loop
- Loop Filling Coefficient = 2
- Extra Volume = 0 µl
- Air Gap Volume = 6 µl
- Injection Flush Volume = 0 µl

COORDINATION MODE:
- Coordination = Time
- Chromatography Time = 0.2 min

Task Parameters:
- Injection Port Number = 1
- Disp Flow Rate = 0.3 ml/min
- Valve Rinsing Flow Rate = 3 ml/min

SOURCE:
- Asp Flow Rate = 0.3 ml/min

AIR GAP:
- Flow Rate = 0.3 ml/min

RINSE:
- Inside Volume = 250 µl
- Inside Flow Rate = 20 ml/min
- Outside Volume = 500 µl
- Outside Flow Rate = 20 ml/min
- Depth = 25 mm
- Equilibration Time = 0 s
  Output Contact 1:
  - Contact Number = 2
  - Contact State = On
  Output Contact 2:
  - Contact Number = 2
  - Pulse Duration = 1.8 s

Devices:
- Sampler Name = SAMPLER
- Pump Name = PUMP
- Contact Module Name = CONTACT

**Castice Mps1**

**Created by**: Administrator  
**On**: 4/18/2012 1:43:25 PM  
**In**: 735 Sampler Software V 6.10

**Sub Elements Dates**
- **Configuration**: 231 XL 402 BiT modified by Administrator on 4/13/2012 12:47:37 PM  
- **Tray**: Traynamichanivzorku modified by Administrator on 4/18/2012 1:29:21 PM

**Description**:
- **Method Type** = Fixed Tray sequential  
- **Configuration** = 231 XL 402 BiT  
- **Tray** = Traynamichanivzorku

**Comments**:
- No comments

**Thread Number 1**

**Wait**

Task Parameters:
- **Wait For** = Time
- **Time** = 5 min

Task Parameters:
- **Hold On Pause** = False

**Inhibitor Cekani**

**Created by**: Administrator  
**On**: 4/18/2012 1:47:11 PM  
**Last Modified by**: Administrator  
**On**: 4/18/2012 1:47:22 PM  
**In**: 735 Sampler Software V 6.10
**Sub Elements Dates**

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<td>Traynamichanivzorku modified by Administrator on 4/18/2012 1:29:21 PM</td>
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**Description:**

Method Type = Fixed Tray sequential  
Configuration = 231 XL 402 BiT  
Tray = Traynamichanivzorku

**Comments:**

No comments

**Thread Number 1**

*Wait*

Task Parameters:
- Wait For = Time  
- Time = 5 min

Task Parameters:
- Hold On Pause = False

**Castice A Promyvani**

Created by: Administrator  
On: 4/18/2012 1:46:00 PM  
In: 735 Sampler Software V 6.10

**Sub Elements Dates**

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**Description:**

Method Type = Fixed Tray sequential  
Configuration = 231 XL 402 BiT  
Tray = Traynamichanivzorku

**Comments:**

No comments

**Thread Number 1**

*Set Electrical Contact*

Task Parameters:
- Contact Number = 1
• State = CLOSE

Devices:
• Contact Name = CONTACT

Wait

Task Parameters:
• Wait For = Time
• Time = 3 min

Task Parameters:
• Hold On Pause = False

Set Electrical Contact

Task Parameters:
• Contact Number = 1
• State = OPEN

Devices:
• Contact Name = CONTACT

Wait

Task Parameters:
• Wait For = Time
• Time = 4 min

Task Parameters:
• Hold On Pause = False

Promyti Od Castic

Created by: Administrator
On: 4/18/2012 2:21:24 PM
In: 735 Sampler Software V 6.10

Sub Elements Dates
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**Comments:**

No comments

**Thread Number 1**

**Set Electrical Contact**

Task Parameters:
- Contact Number = 1
- State = CLOSE

Devices:
- Contact Name = CONTACT

**Wait**

Task Parameters:
- Wait For = Time
- Time = 3 min

Task Parameters:
- Hold On Pause = False

**Kalibracni Krivka Na Inhibitor**

*Created by*: Administrator  
*On*: 4/18/2012 2:18:58 PM  
*Last Modified by*: Administrator  
*On*: 4/18/2012 2:21:35 PM  
*In*: 735 Sampler Software V 6.10

Configuration: 231 XL 402 BiT  
Tray: Traynamichanivzorku

**Sub Elements Dates**

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