

# ZymoPURE\_plasmid\_isolation\_above\_3ml Report



Program Name (on pipette):

ZP96\_3-5ml










































## User Credentials

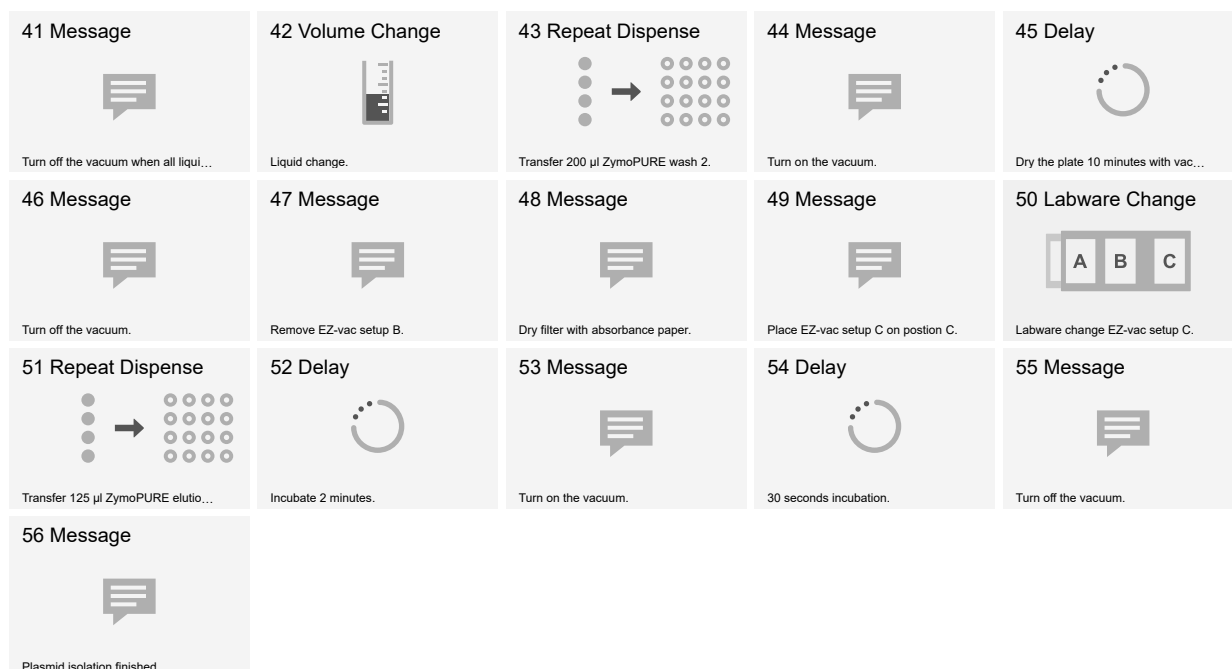
Name: eva.meszaros

Date: 12. Mar. 2026

## Overview Method



 VIAFLO - 1'250µl - 8CH	<b>01 Initial Volumes</b>  Set initial volumes.	<b>02 Transfer</b>  Transfer 250 µl ZymoPure P1.	<b>03 Transfer</b>  Transfer 250 µl ZymoPure P1.	<b>04 Transfer</b>  Transfer 250 µl ZymoPure P1.	<b>05 Transfer</b>  Transfer 250 µl ZymoPure P1.
	<b>06 Transfer</b>  Transfer 250 µl ZymoPure P1.	<b>07 Transfer</b>  Transfer 250 µl ZymoPure P1.	<b>08 Transfer</b>  Transfer 250 µl ZymoPure P1.	<b>09 Transfer</b>  Transfer 250 µl ZymoPure P1.	<b>10 Transfer</b>  Transfer 250 µl ZymoPure P1.
	<b>11 Transfer</b>  Transfer 250 µl ZymoPure P1.	<b>12 Transfer</b>  Transfer 250 µl ZymoPure P1.	<b>13 Transfer</b>  Transfer 250 µl ZymoPure P1.	<b>14 Repeat Dispense</b>  Transfer 250 µl ZymoPure P2.	<b>15 Repeat Dispense</b>  Transfer 250 µl ZymoPure P3.
	<b>16 Transfer</b>  Transfer lysate on filter plate.	<b>17 Delay</b>  Incubate lysate 5 minutes on filter...	<b>18 Message</b>  Turn on the vacuum.	<b>19 Delay</b>  Clear lysates for 5 minutes.	<b>20 Message</b>  Remove EZ-Vac setup A.
	<b>21 Message</b>  Place DWP on position B.	<b>22 Message</b>  Place EZ-Vac setup B.	<b>23 Labware Change</b>  Labware change EZ-vac setup B.	<b>24 Repeat Dispense</b>  Transfer 165 µl ZymoPure bindin...	<b>25 Transfer</b>  Transfer liquid to Zymo-spin P-96...
	<b>26 Delay</b>  Incubate for 2 minutes.	<b>27 Message</b>  Turn on the vacuum.	<b>28 Message</b>  Turn off the vacuum when all liqui...	<b>29 Message</b>  Place new reservoir on position A.	<b>30 Volume Change</b>  Volume change.
	<b>31 Repeat Dispense</b>  Transfer 800 µl ZymoPURE wash...	<b>32 Repeat Dispense</b>  Transfer 800 µl ZymoPURE wash...	<b>33 Repeat Dispense</b>  Transfer 800 µl ZymoPURE wash...	<b>34 Message</b>  Turn on the vacuum.	<b>35 Message</b>  Turn off the vacuum when all liqui...
	<b>36 Volume Change</b>  Volume change.	<b>37 Repeat Dispense</b>  Transfer 800 µl ZymoPURE wash...	<b>38 Repeat Dispense</b>  Transfer 800 µl ZymoPURE wash...	<b>39 Repeat Dispense</b>  Transfer 800 µl ZymoPURE wash...	<b>40 Message</b>  Turn on the vacuum.



**Total Time:** 133 min 15 sec

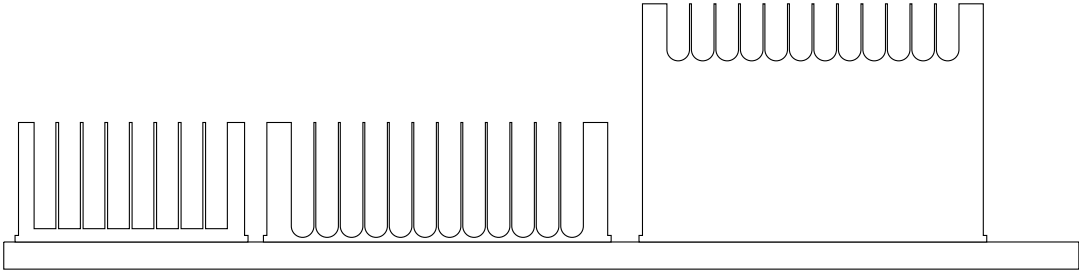
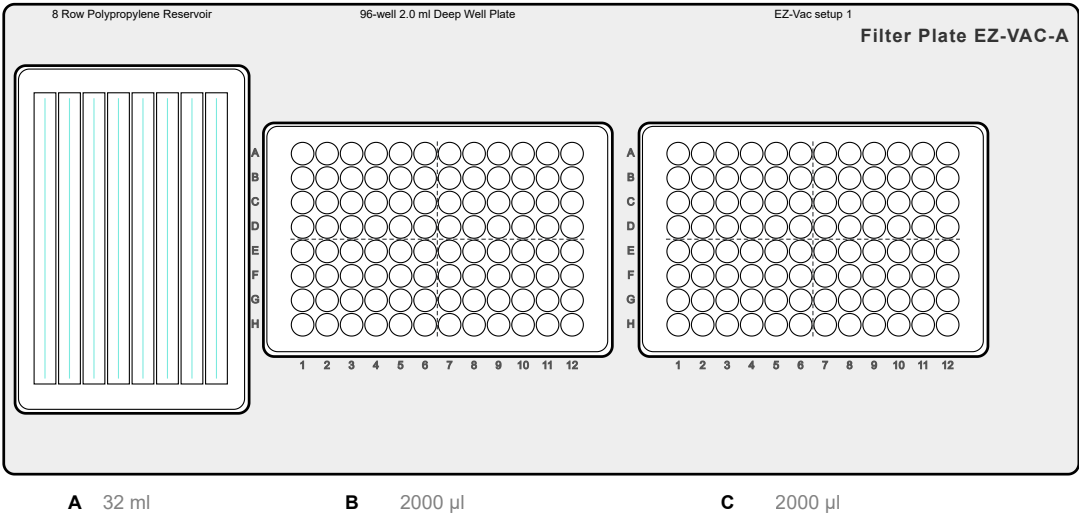
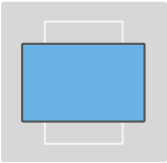
**Total Tip Consumption:** 864

**Description:** This program is written according to the ZymoPURE Plasmid Miniprep Kit user manual for optimal usage of the kit with the ASSIST PLUS pipetting robot.

## Pipette & Deck

Labware	Name	Manufacturer	Part Number
Pipette	VIAFLO - 1'250µl - 8CH	INTEGRA	4624
Tip	1250 µl GRIPTIPS, Sterile, Filter	INTEGRA	6445
Deck	3 Position Universal Deck	INTEGRA	4520

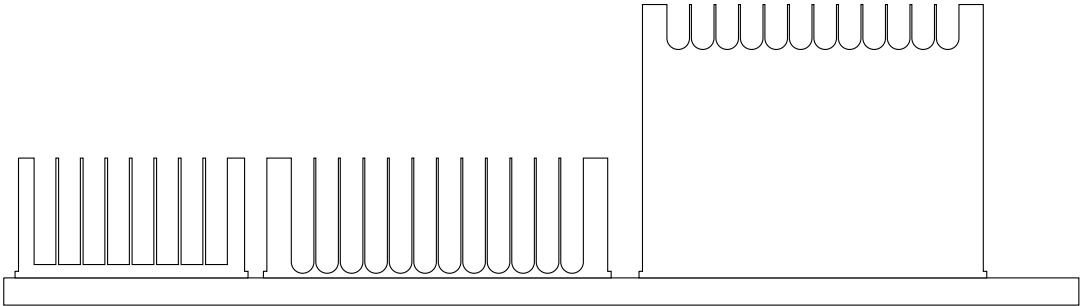
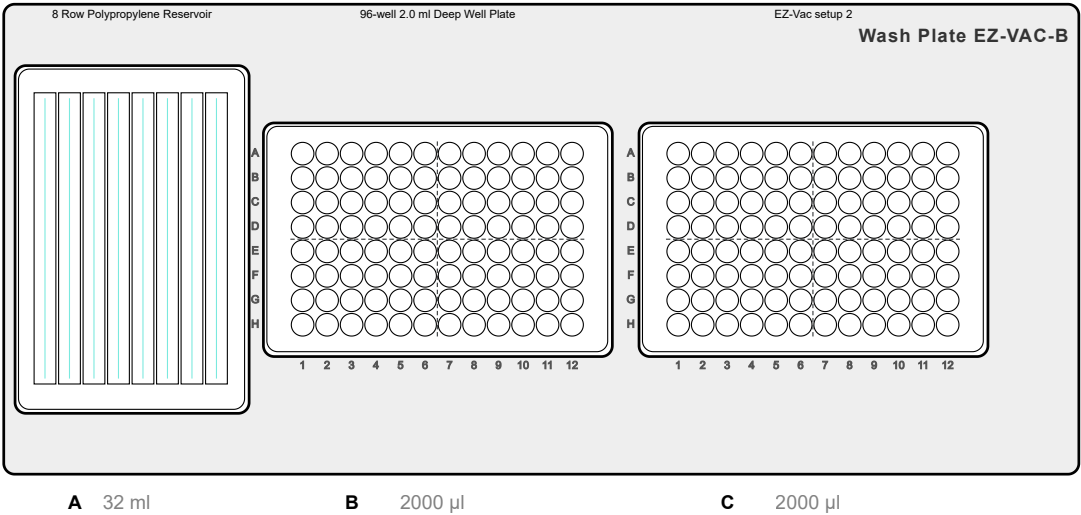
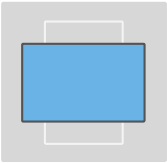
Deck Layout



Deck Labware

Deck Position	Labware	Name	Manufacturer	Part Number	Description
A	Reservoir	8 Row Polypropylene Reservoir	INTEGRA	6371, 6372	
B	Plate	96-well 2.0 ml Deep Well Plate	Zymo Research		ZymoPure 96 Plasmid Miniprep Kit
C	Plate	EZ-Vac setup 1	Zymo Research		ZymoPure 96 Plasmid Miniprep Kit

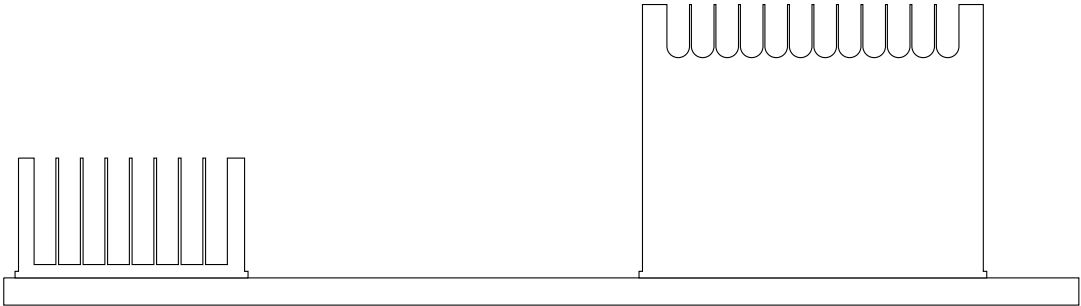
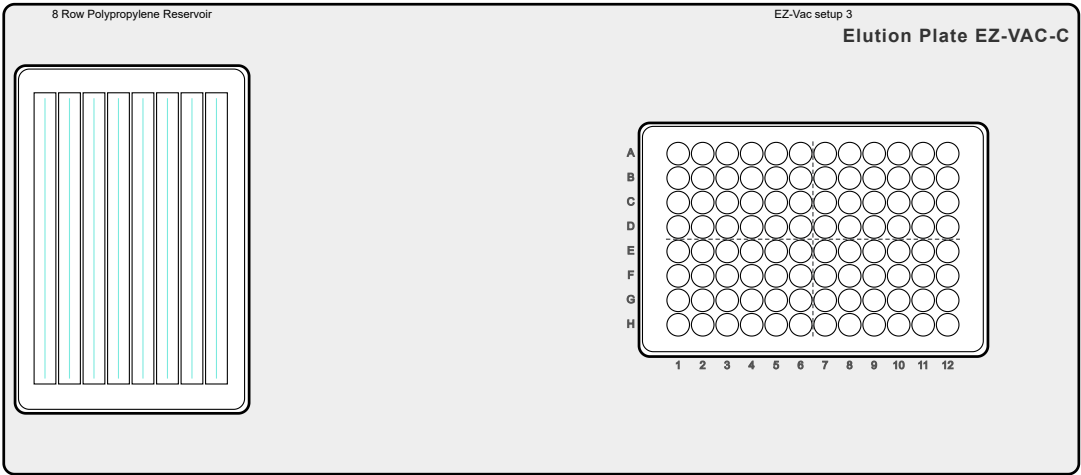
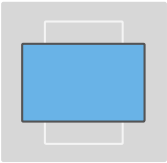
Deck Layout



Deck Labware

Deck Position	Labware	Name	Manufacturer	Part Number	Description
A	Reservoir	8 Row Polypropylene Reservoir	INTEGRA	6371, 6372	
B	Plate	96-well 2.0 ml Deep Well Plate	Zymo Research		ZymoPure 96 Plasmid Miniprep Kit
C	Plate	EZ-Vac setup 2	Zymo Research		ZymoPure 96 Plasmid Miniprep Kit

Deck Layout



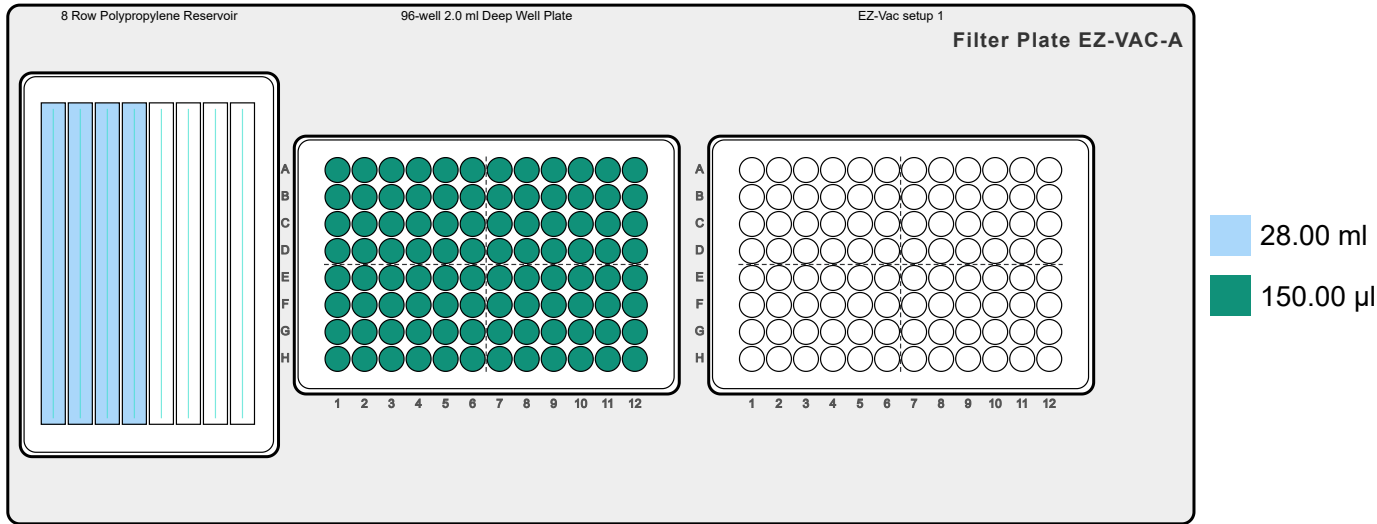
Deck Labware

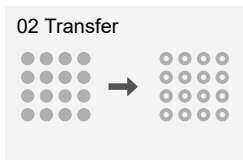
Deck Position	Labware	Name	Manufacturer	Part Number	Description
A	Reservoir	8 Row Polypropylene Reservoir	INTEGRA	6371, 6372	
C	Plate	EZ-Vac setup 3	Zymo Research		ZymoPure 96 Plasmid Miniprep Kit

01 Initial Volumes



**Description:**  
Set initial volumes.



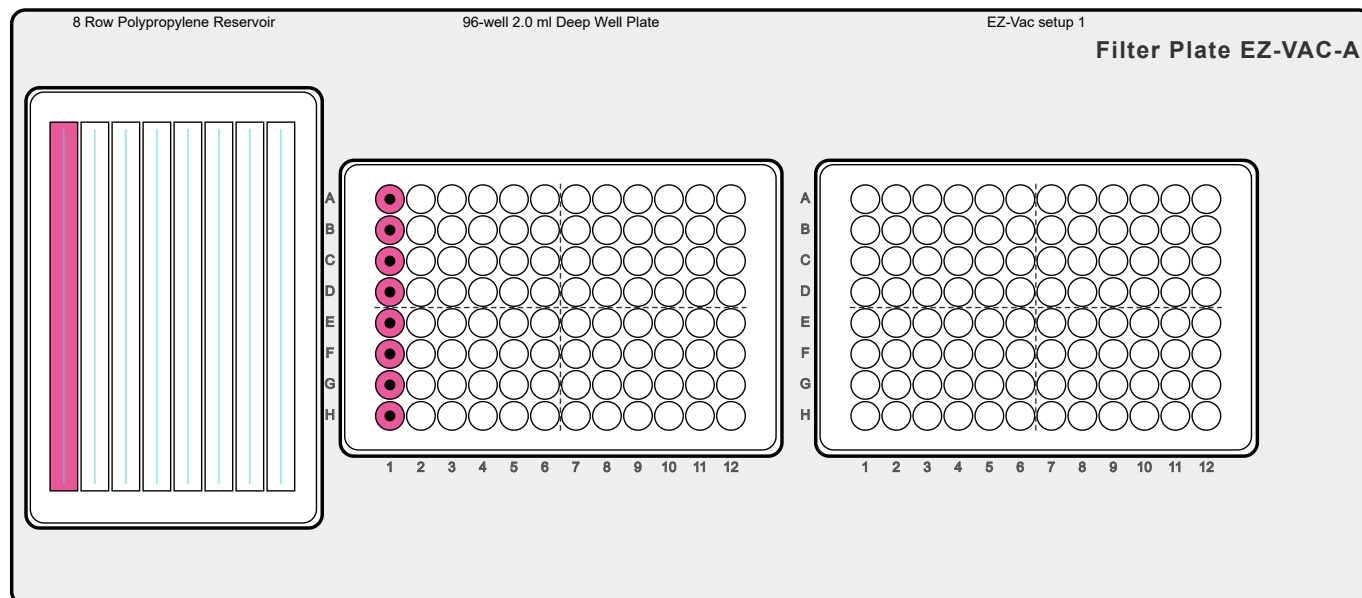


**Total Time:**  
1 min 46 sec

**Total Tip Consumption:**  
Tip 1250µl: 8

### Description:

Transfer 250 µl ZymoPure P1.



### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A1	35.5 mm	B	A1-H1	6 mm	250

### Pipetting settings

Tab	Parameter	Set value
Volumes	<b>Volume:</b>	Fix
Pipetting Speeds	<b>Aspiration Speed:</b>	6
	<b>Aspiration Delay [s]:</b>	0
	<b>Dispense Speed:</b>	6
	<b>Dispense Delay [s]:</b>	0
	<b>Slow Liquid Exit Aspiration:</b>	No
	<b>Slow Liquid Exit Dispensation:</b>	No
Source Pipetting Height	<b>Heights:</b>	A: Fix
	<b>Tip Travel:</b>	Yes
	<b>Safety Bottom Offset:</b>	A: 2 mm
Target Pipetting Height	<b>Heights:</b>	B: Fix
	<b>Tip Travel:</b>	No
	<b>Safety Bottom Offset:</b>	B: 1.5 mm
Tip Change	<b>Tip Change:</b>	Continue to next step without change

Tip Touch	Tip Touch:	No
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## Mix Summary

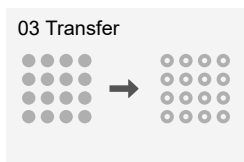
## Mix Target

Target				
Step	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	A1-H1	6 mm	200

## Mix Settings

Tab	Parameter	Set value
Source Mix	Mixing:	No
Target Mix	Mixing:	Yes
	Mix Cycles:	90
	Mix Speed:	10
	Tip Travel:	No



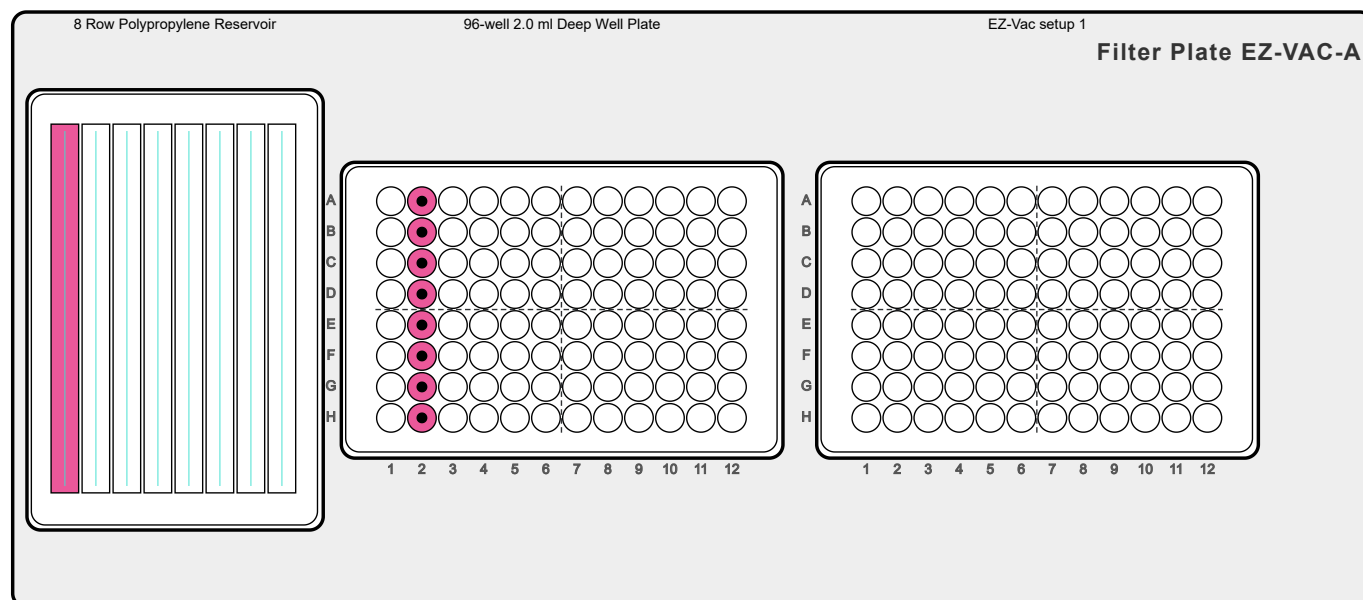


**Total Time:**  
1 min 34 sec

**Total Tip Consumption:**  
Tip 1250µl: 0

### Description:

Transfer 250 µl ZymoPure P1.



### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A1	33.5 mm	B	A2-H2	6 mm	250

### Pipetting settings

Tab	Parameter	Set value
Volumes	Volume:	Fix
Pipetting Speeds	Aspiration Speed:	6
	Aspiration Delay [s]:	0
	Dispense Speed:	6
	Dispense Delay [s]:	0
	Slow Liquid Exit Aspiration:	No
	Slow Liquid Exit Dispensation:	No
Source Pipetting Height	Heights:	A: Fix
	Tip Travel:	Yes
	Safety Bottom Offset:	A: 2 mm
Target Pipetting Height	Heights:	B: Fix
	Tip Travel:	No
	Safety Bottom Offset:	B: 1.5 mm
Tip Change	Tip Change:	Continue to next step without change

Tip Touch	Tip Touch:	No
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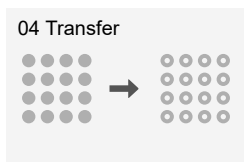
## Mix Summary

## Mix Target

Target				
Step	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	A2-H2	6 mm	200

## Mix Settings

Tab	Parameter	Set value
Source Mix	Mixing:	No
Target Mix	Mixing:	Yes
	Mix Cycles:	90
	Mix Speed:	10
	Tip Travel:	No

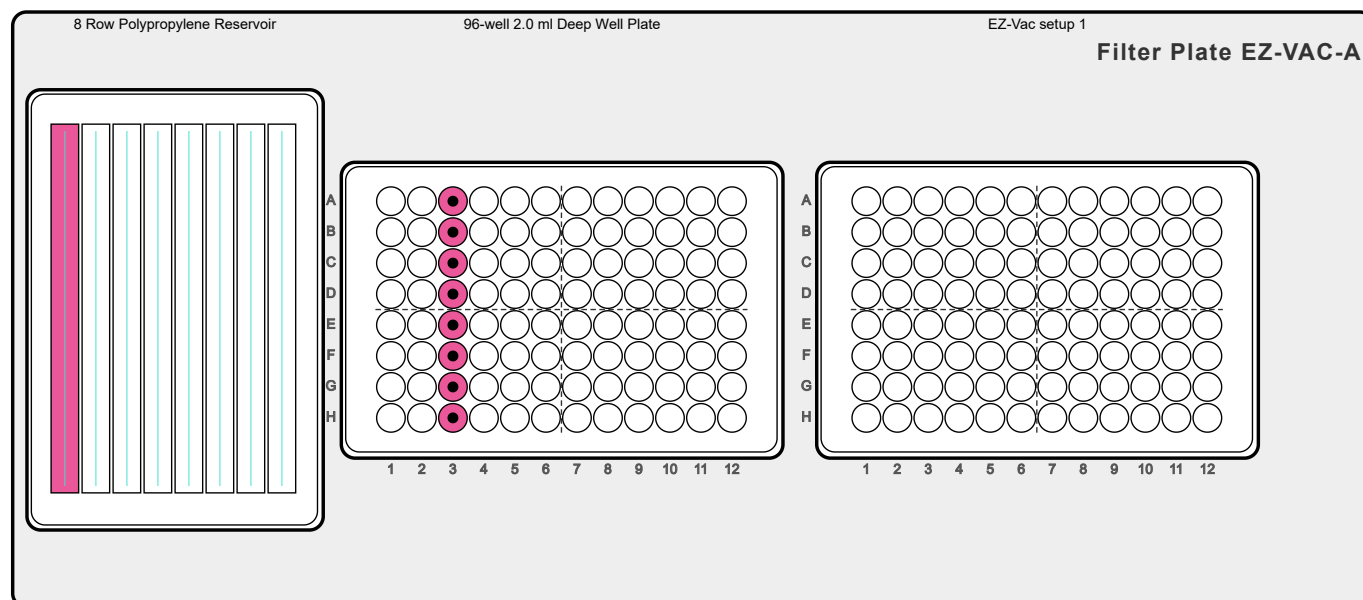


**Total Time:**  
1 min 34 sec

**Total Tip Consumption:**  
Tip 1250µl: 0

### Description:

Transfer 250 µl ZymoPure P1.



### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A1	31 mm	B	A3-H3	6 mm	250

### Pipetting settings

Tab	Parameter	Set value
Volumes	Volume:	Fix
Pipetting Speeds	Aspiration Speed:	6
	Aspiration Delay [s]:	0
	Dispense Speed:	6
	Dispense Delay [s]:	0
	Slow Liquid Exit Aspiration:	No
	Slow Liquid Exit Dispensation:	No
Source Pipetting Height	Heights:	A: Fix
	Tip Travel:	Yes
	Safety Bottom Offset:	A: 2 mm
Target Pipetting Height	Heights:	B: Fix
	Tip Travel:	No
	Safety Bottom Offset:	B: 1.5 mm
Tip Change	Tip Change:	Continue to next step without change

Tip Touch	Tip Touch:	No
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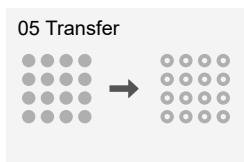
## Mix Summary

## Mix Target

Target				
Step	Deck Position	Well Positions	Start Height [mm]	Volume [μl]
1	B	A3-H3	6 mm	200

## Mix Settings

Tab	Parameter	Set value
Source Mix	Mixing:	No
Target Mix	Mixing:	Yes
	Mix Cycles:	90
	Mix Speed:	10
	Tip Travel:	No

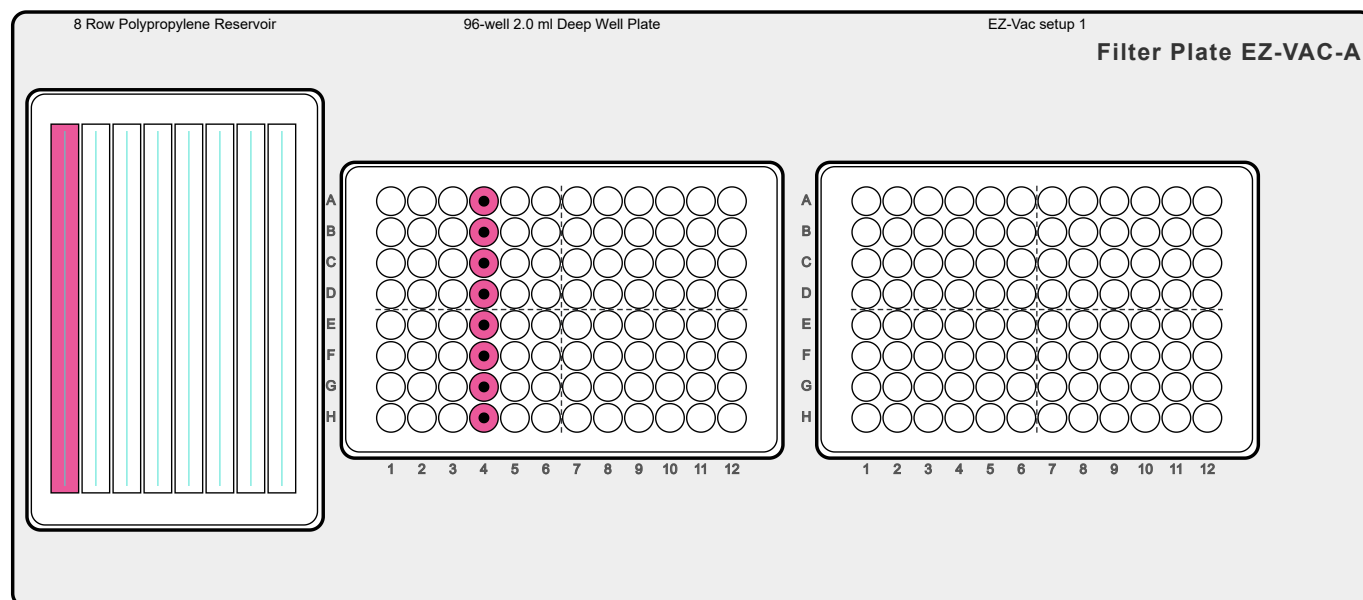


**Total Time:**  
1 min 34 sec

**Total Tip Consumption:**  
Tip 1250µl: 0

### Description:

Transfer 250 µl ZymoPure P1.



### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A1	29 mm	B	A4-H4	6 mm	250

### Pipetting settings

Tab	Parameter	Set value
Volumes	Volume:	Fix
Pipetting Speeds	Aspiration Speed:	6
	Aspiration Delay [s]:	0
	Dispense Speed:	6
	Dispense Delay [s]:	0
	Slow Liquid Exit Aspiration:	No
	Slow Liquid Exit Dispensation:	No
Source Pipetting Height	Heights:	A: Fix
	Tip Travel:	Yes
	Safety Bottom Offset:	A: 2 mm
Target Pipetting Height	Heights:	B: Fix
	Tip Travel:	No
	Safety Bottom Offset:	B: 1.5 mm
Tip Change	Tip Change:	Continue to next step without change

Tip Touch	Tip Touch:	No
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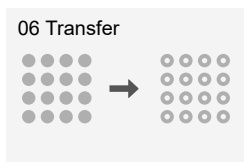
Mix Summary

Mix Target

Target				
Step	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	A4-H4	6 mm	200

Mix Settings

Tab	Parameter	Set value
Source Mix	Mixing:	No
Target Mix	Mixing:	Yes
	Mix Cycles:	90
	Mix Speed:	10
	Tip Travel:	No

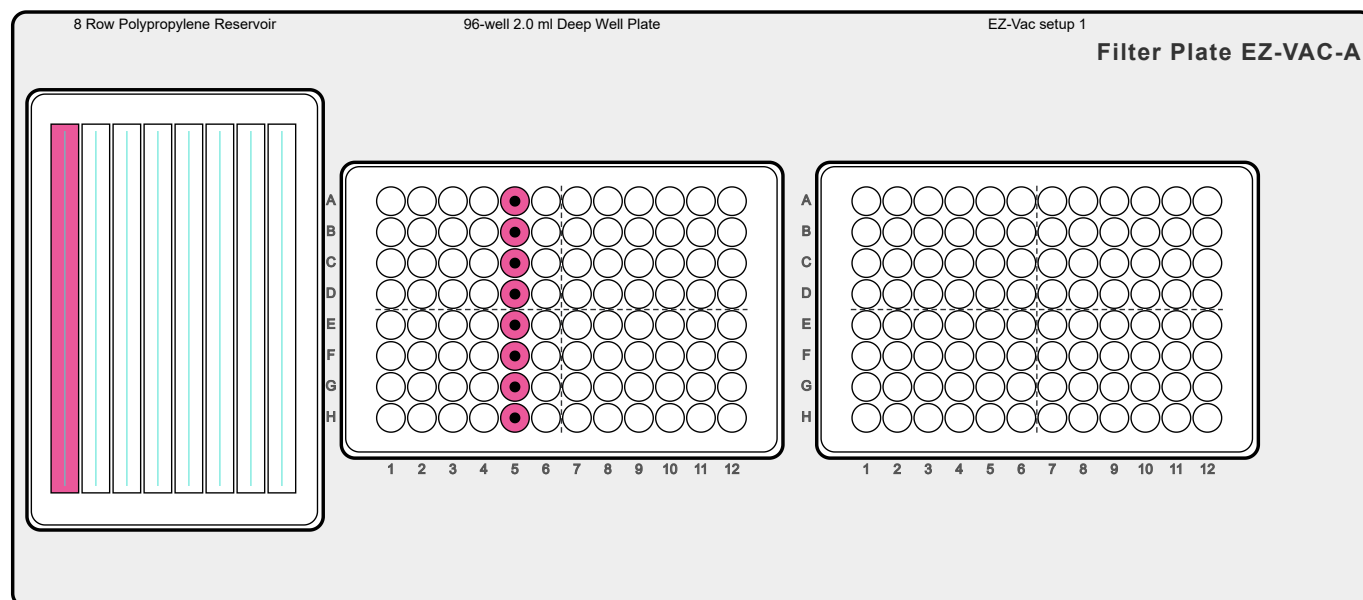


**Total Time:**  
1 min 34 sec

**Total Tip Consumption:**  
Tip 1250µl: 0

### Description:

Transfer 250 µl ZymoPure P1.



### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A1	26.5 mm	B	A5-H5	6 mm	250

### Pipetting settings

Tab	Parameter	Set value
Volumes	<b>Volume:</b>	Fix
Pipetting Speeds	<b>Aspiration Speed:</b>	6
	<b>Aspiration Delay [s]:</b>	0
	<b>Dispense Speed:</b>	6
	<b>Dispense Delay [s]:</b>	0
	<b>Slow Liquid Exit Aspiration:</b>	No
	<b>Slow Liquid Exit Dispensation:</b>	No
Source Pipetting Height	<b>Heights:</b>	A: Fix
	<b>Tip Travel:</b>	Yes
	<b>Safety Bottom Offset:</b>	A: 2 mm
Target Pipetting Height	<b>Heights:</b>	B: Fix
	<b>Tip Travel:</b>	No
	<b>Safety Bottom Offset:</b>	B: 1.5 mm
Tip Change	<b>Tip Change:</b>	Continue to next step without change

Tip Touch	Tip Touch:	No
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## Mix Summary

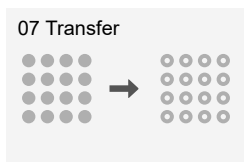
## Mix Target

Target				
Step	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	A5-H5	6 mm	200

## Mix Settings

Tab	Parameter	Set value
Source Mix	Mixing:	No
Target Mix	Mixing:	Yes
	Mix Cycles:	90
	Mix Speed:	10
	Tip Travel:	No



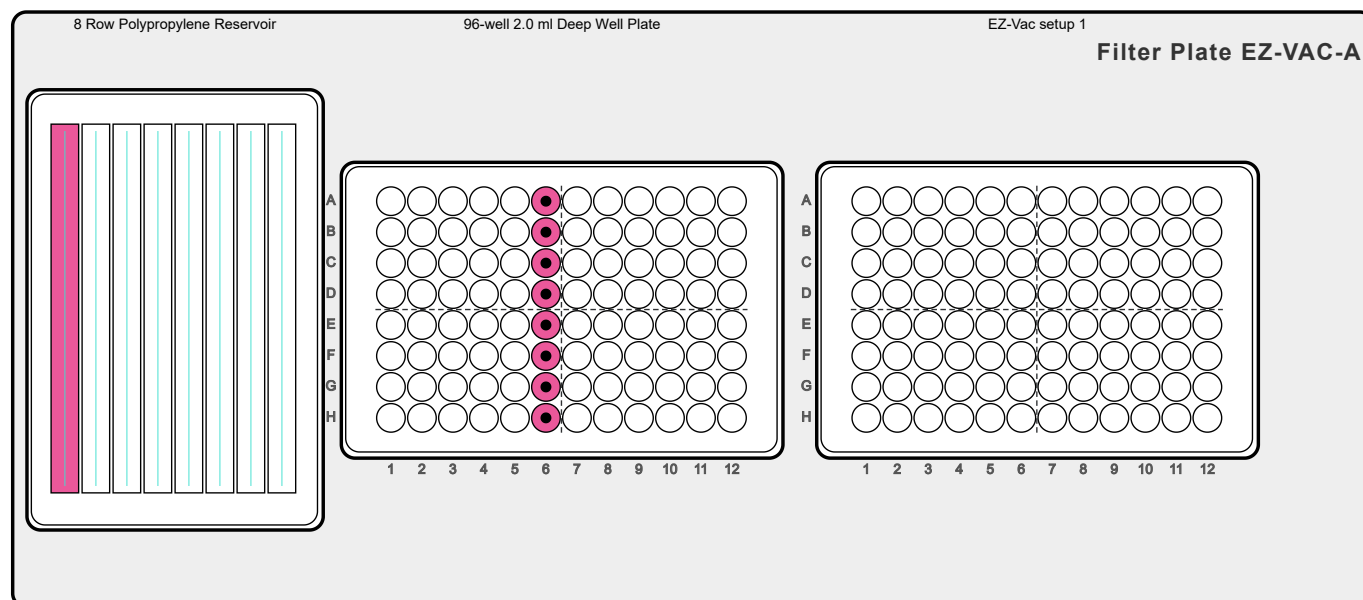


**Total Time:**  
1 min 34 sec

**Total Tip Consumption:**  
Tip 1250µl: 0

### Description:

Transfer 250 µl ZymoPure P1.



### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A1	24 mm	B	A6-H6	6 mm	250

### Pipetting settings

Tab	Parameter	Set value
Volumes	<b>Volume:</b>	Fix
Pipetting Speeds	<b>Aspiration Speed:</b>	6
	<b>Aspiration Delay [s]:</b>	0
	<b>Dispense Speed:</b>	6
	<b>Dispense Delay [s]:</b>	0
	<b>Slow Liquid Exit Aspiration:</b>	No
	<b>Slow Liquid Exit Dispensation:</b>	No
Source Pipetting Height	<b>Heights:</b>	A: Fix
	<b>Tip Travel:</b>	Yes
	<b>Safety Bottom Offset:</b>	A: 2 mm
Target Pipetting Height	<b>Heights:</b>	B: Fix
	<b>Tip Travel:</b>	No
	<b>Safety Bottom Offset:</b>	B: 1.5 mm
Tip Change	<b>Tip Change:</b>	Continue to next step without change

Tip Touch	Tip Touch:	No
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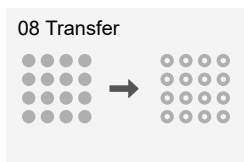
## Mix Summary

## Mix Target

Target				
Step	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	A6-H6	6 mm	200

## Mix Settings

Tab	Parameter	Set value
Source Mix	Mixing:	No
Target Mix	Mixing:	Yes
	Mix Cycles:	90
	Mix Speed:	10
	Tip Travel:	No

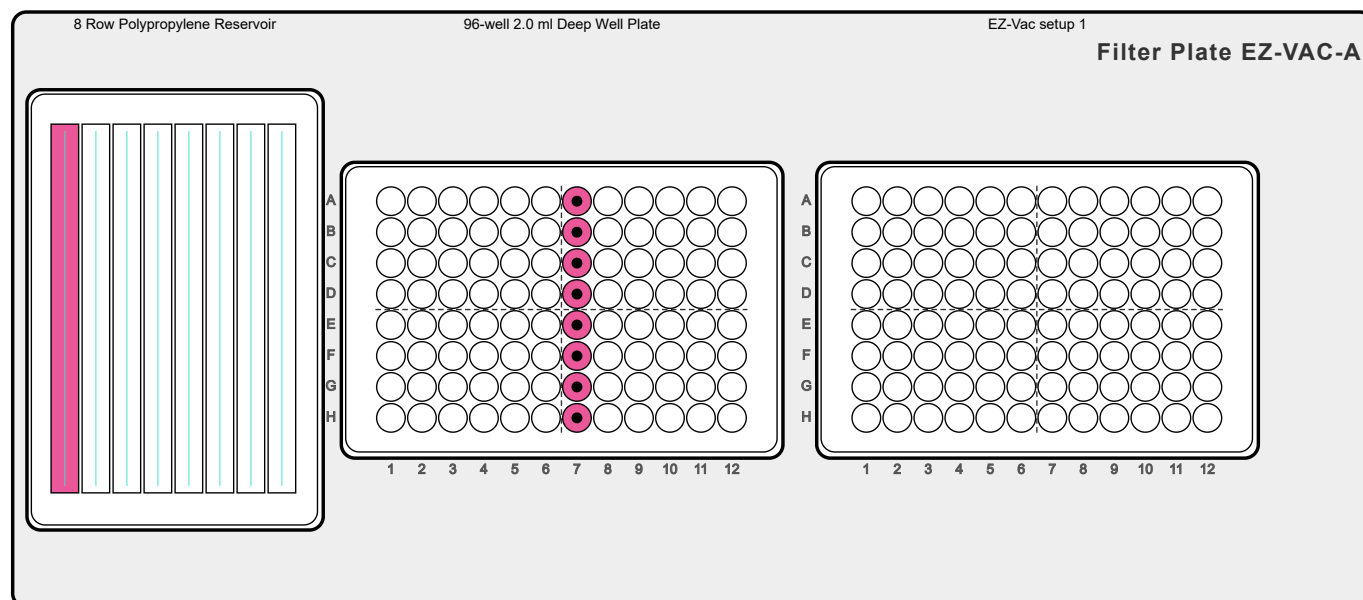


**Total Time:**  
1 min 34 sec

**Total Tip Consumption:**  
Tip 1250µl: 0

## Description:

Transfer 250 µl ZymoPure P1.



## Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A1	22 mm	B	A7-H7	6 mm	250

## Pipetting settings

Tab	Parameter	Set value
Volumes	Volume:	Fix
Pipetting Speeds	Aspiration Speed:	6
	Aspiration Delay [s]:	0
	Dispense Speed:	6
	Dispense Delay [s]:	0
	Slow Liquid Exit Aspiration:	No
	Slow Liquid Exit Dispensation:	No
Source Pipetting Height	Heights:	A: Fix
	Tip Travel:	Yes
	Safety Bottom Offset:	A: 2 mm
Target Pipetting Height	Heights:	B: Fix
	Tip Travel:	No
	Safety Bottom Offset:	B: 2 mm
Tip Change	Tip Change:	Continue to next step without change

Tip Touch	Tip Touch:	No
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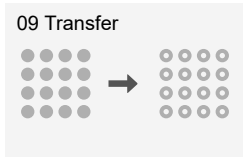
## Mix Summary

## Mix Target

Target				
Step	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	A7-H7	6 mm	200

## Mix Settings

Tab	Parameter	Set value
Source Mix	Mixing:	No
Target Mix	Mixing:	Yes
	Mix Cycles:	90
	Mix Speed:	10
	Tip Travel:	No

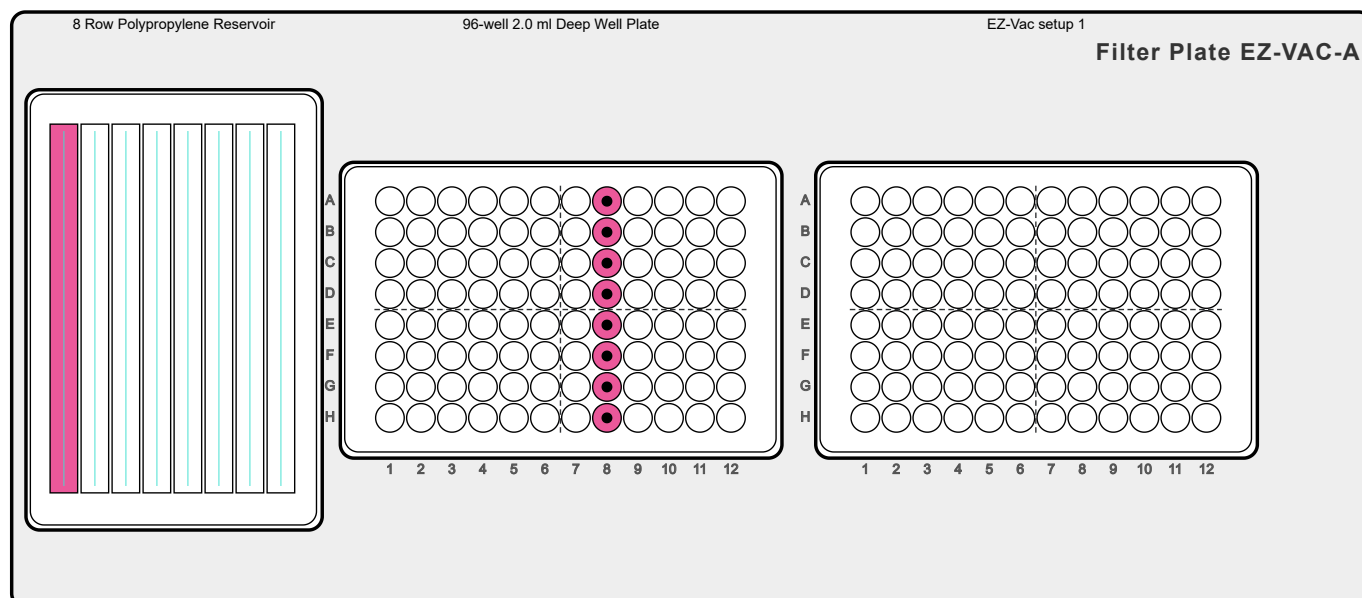


**Total Time:**  
1 min 34 sec

**Total Tip Consumption:**  
Tip 1250µl: 0

### Description:

Transfer 250 µl ZymoPure P1.



### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A1	19.5 mm	B	A8-H8	6 mm	250

### Pipetting settings

Tab	Parameter	Set value
Volumes	<b>Volume:</b>	Fix
Pipetting Speeds	<b>Aspiration Speed:</b>	6
	<b>Aspiration Delay [s]:</b>	0
	<b>Dispense Speed:</b>	6
	<b>Dispense Delay [s]:</b>	0
	<b>Slow Liquid Exit Aspiration:</b>	No
	<b>Slow Liquid Exit Dispensation:</b>	No
Source Pipetting Height	<b>Heights:</b>	A: Fix
	<b>Tip Travel:</b>	Yes
	<b>Safety Bottom Offset:</b>	A: 2 mm
Target Pipetting Height	<b>Heights:</b>	B: Fix
	<b>Tip Travel:</b>	No
	<b>Safety Bottom Offset:</b>	B: 1.5 mm
Tip Change	<b>Tip Change:</b>	Continue to next step without change

Tip Touch	Tip Touch:	No
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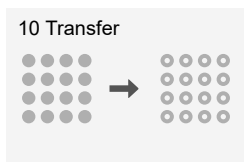
## Mix Summary

## Mix Target

Target				
Step	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	A8-H8	6 mm	200

## Mix Settings

Tab	Parameter	Set value
Source Mix	Mixing:	No
Target Mix	Mixing:	Yes
	Mix Cycles:	90
	Mix Speed:	10
	Tip Travel:	No

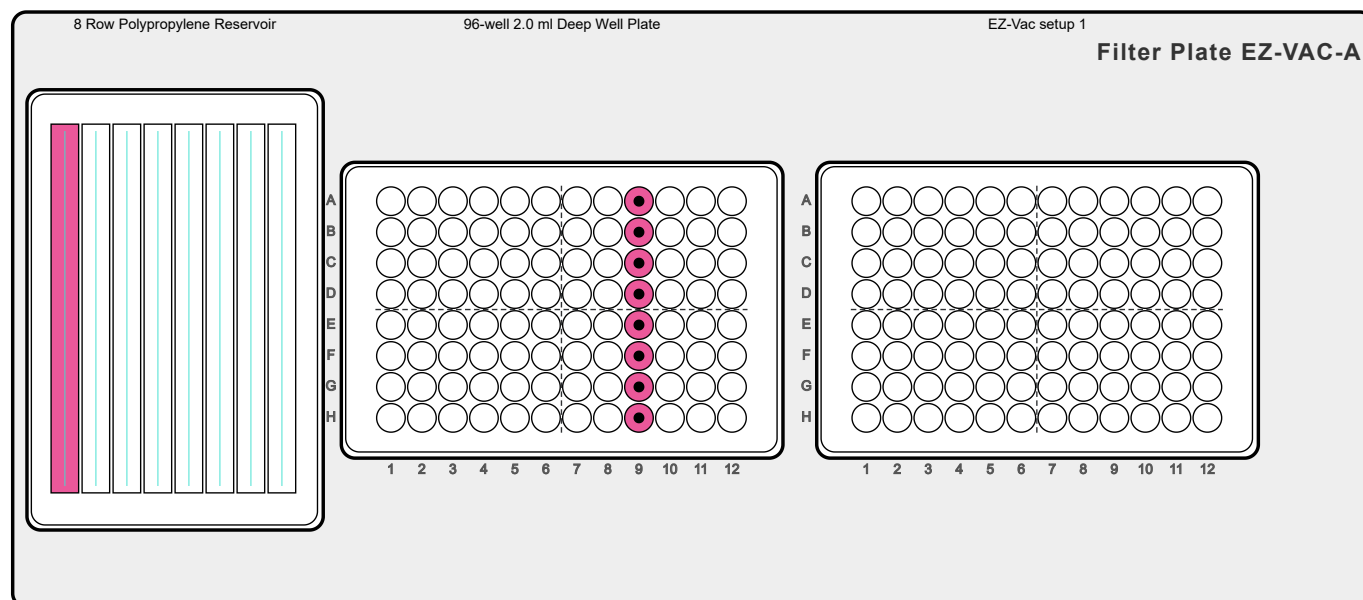


**Total Time:**  
1 min 35 sec

**Total Tip Consumption:**  
Tip 1250µl: 0

### Description:

Transfer 250 µl ZymoPure P1.



### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A1	17 mm	B	A9-H9	6 mm	250

### Pipetting settings

Tab	Parameter	Set value
Volumes	Volume:	Fix
Pipetting Speeds	Aspiration Speed:	6
	Aspiration Delay [s]:	0
	Dispense Speed:	6
	Dispense Delay [s]:	0
	Slow Liquid Exit Aspiration:	No
	Slow Liquid Exit Dispensation:	No
Source Pipetting Height	Heights:	A: Fix
	Tip Travel:	Yes
	Safety Bottom Offset:	A: 2 mm
Target Pipetting Height	Heights:	B: Fix
	Tip Travel:	No
	Safety Bottom Offset:	B: 1.5 mm
Tip Change	Tip Change:	Continue to next step without change

Tip Touch	Tip Touch:	No
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## Mix Summary

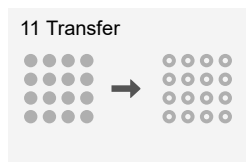
## Mix Target

Target				
Step	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	A9-H9	6 mm	200

## Mix Settings

Tab	Parameter	Set value
Source Mix	Mixing:	No
Target Mix	Mixing:	Yes
	Mix Cycles:	90
	Mix Speed:	10
	Tip Travel:	No



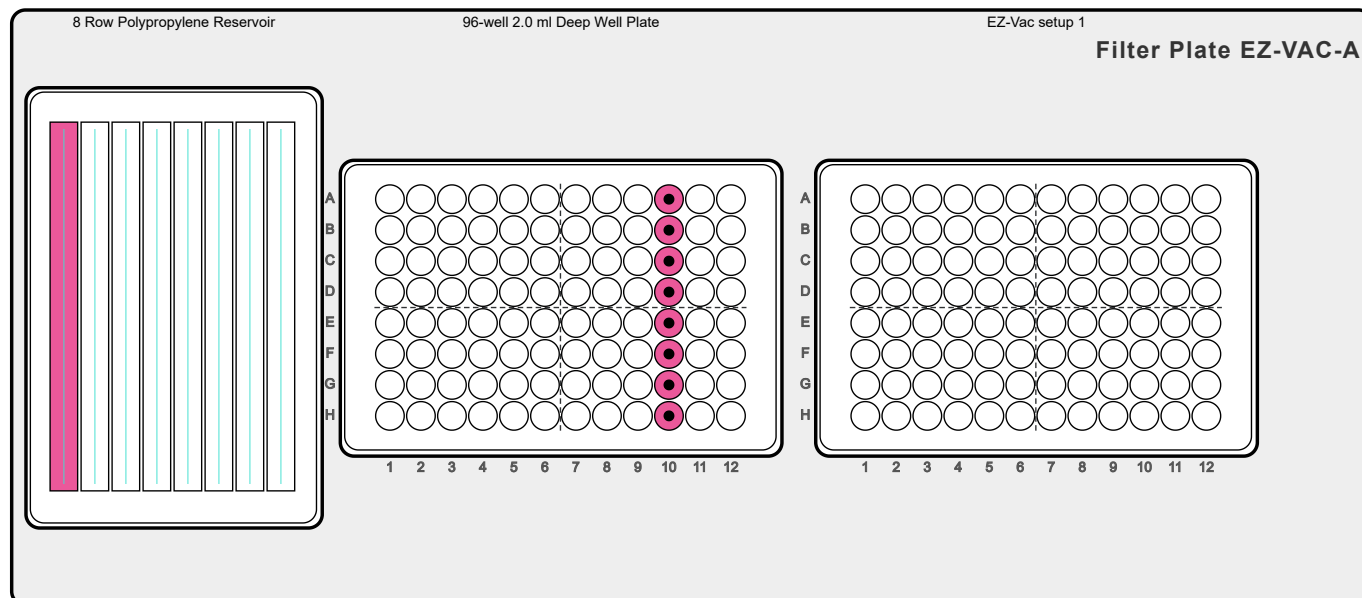


**Total Time:**  
1 min 35 sec

**Total Tip Consumption:**  
Tip 1250µl: 0

### Description:

Transfer 250 µl ZymoPure P1.



### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A1	15 mm	B	A10-H10	6 mm	250

### Pipetting settings

Tab	Parameter	Set value
Volumes	<b>Volume:</b>	Fix
Pipetting Speeds	<b>Aspiration Speed:</b>	6
	<b>Aspiration Delay [s]:</b>	0
	<b>Dispense Speed:</b>	6
	<b>Dispense Delay [s]:</b>	0
	<b>Slow Liquid Exit Aspiration:</b>	No
	<b>Slow Liquid Exit Dispensation:</b>	No
Source Pipetting Height	<b>Heights:</b>	A: Fix
	<b>Tip Travel:</b>	Yes
	<b>Safety Bottom Offset:</b>	A: 2 mm
Target Pipetting Height	<b>Heights:</b>	B: Fix
	<b>Tip Travel:</b>	No
	<b>Safety Bottom Offset:</b>	B: 1.5 mm
Tip Change	<b>Tip Change:</b>	Continue to next step without change

Tip Touch	Tip Touch:	No
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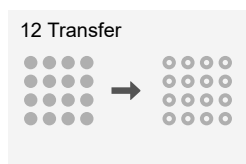
## Mix Summary

## Mix Target

Target				
Step	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	A10-H10	6 mm	200

## Mix Settings

Tab	Parameter	Set value
Source Mix	Mixing:	No
Target Mix	Mixing:	Yes
	Mix Cycles:	90
	Mix Speed:	10
	Tip Travel:	No

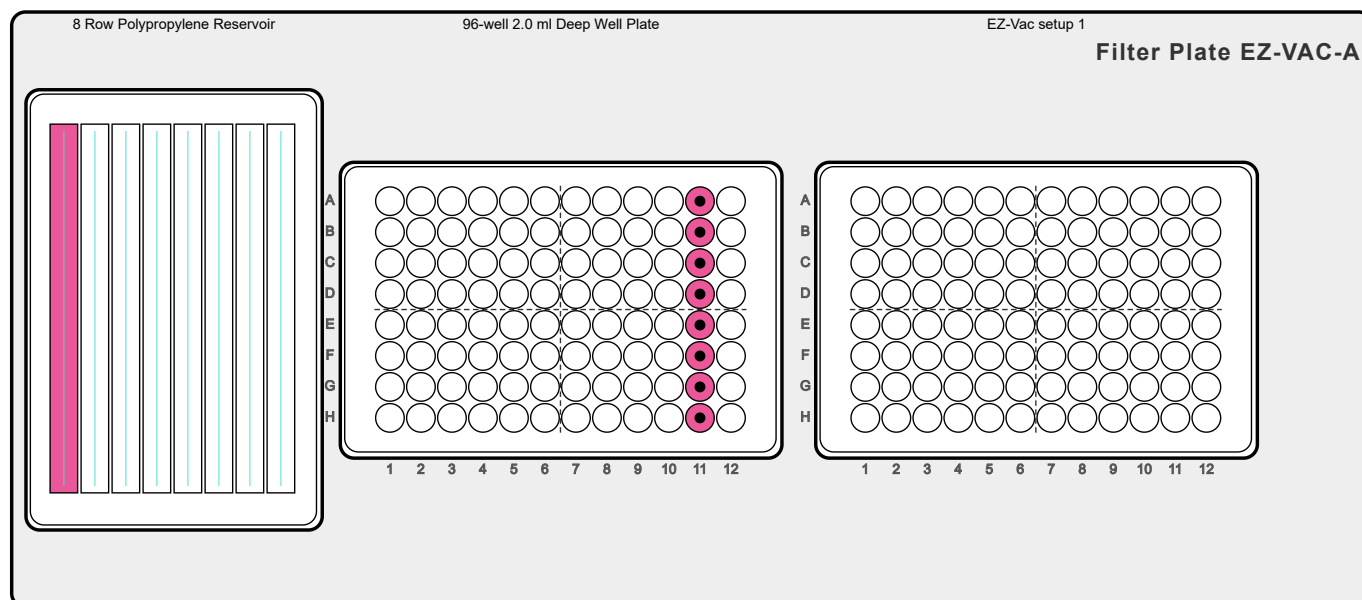


**Total Time:**  
1 min 35 sec

**Total Tip Consumption:**  
Tip 1250µl: 0

### Description:

Transfer 250 µl ZymoPure P1.



### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A1	12.5 mm	B	A11-H11	6 mm	250

### Pipetting settings

Tab	Parameter	Set value
Volumes	<b>Volume:</b>	Fix
Pipetting Speeds	<b>Aspiration Speed:</b>	6
	<b>Aspiration Delay [s]:</b>	0
	<b>Dispense Speed:</b>	6
	<b>Dispense Delay [s]:</b>	0
	<b>Slow Liquid Exit Aspiration:</b>	No
	<b>Slow Liquid Exit Dispensation:</b>	No
Source Pipetting Height	<b>Heights:</b>	A: Fix
	<b>Tip Travel:</b>	Yes
	<b>Safety Bottom Offset:</b>	A: 2 mm
Target Pipetting Height	<b>Heights:</b>	B: Fix
	<b>Tip Travel:</b>	No
	<b>Safety Bottom Offset:</b>	B: 1.5 mm
Tip Change	<b>Tip Change:</b>	Continue to next step without change

Tip Touch	Tip Touch:	No
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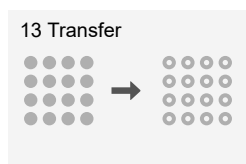
## Mix Summary

## Mix Target

Target				
Step	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	A11-H11	6 mm	200

## Mix Settings

Tab	Parameter	Set value
Source Mix	Mixing:	No
Target Mix	Mixing:	Yes
	Mix Cycles:	90
	Mix Speed:	10
	Tip Travel:	No

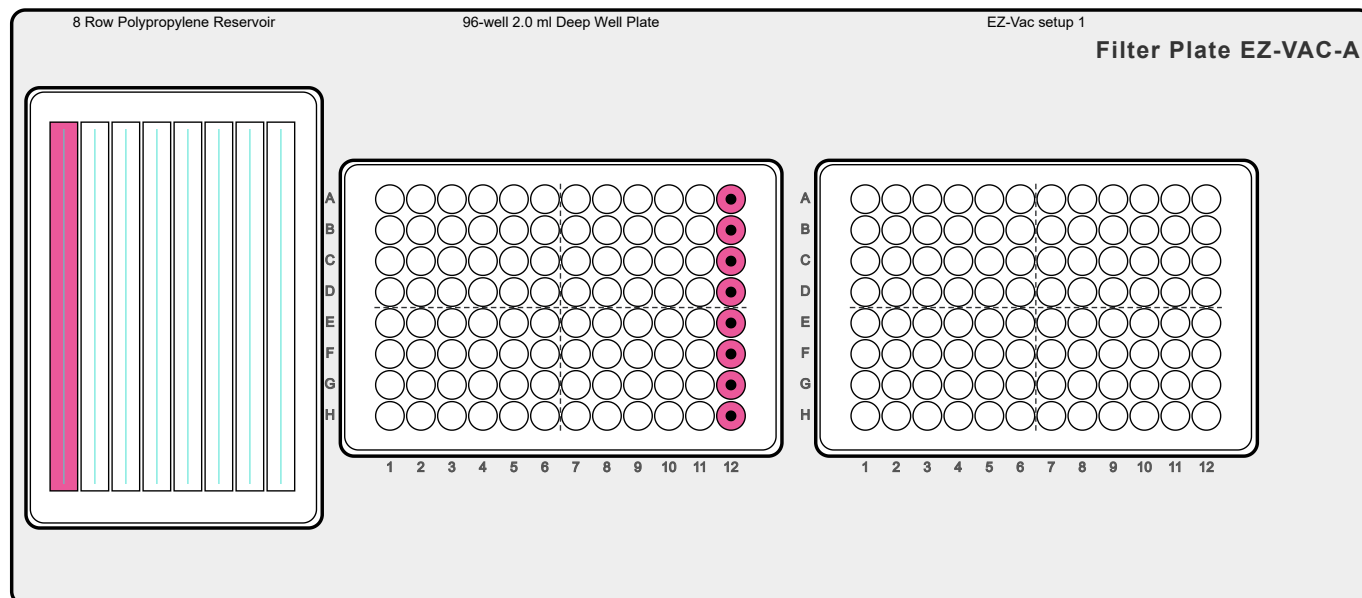


**Total Time:**  
1 min 35 sec

**Total Tip Consumption:**  
Tip 1250µl: 0

### Description:

Transfer 250 µl ZymoPure P1.



### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A1	10 mm	B	A12-H12	6 mm	250

### Pipetting settings

Tab	Parameter	Set value
Volumes	<b>Volume:</b>	Fix
Pipetting Speeds	<b>Aspiration Speed:</b>	6
	<b>Aspiration Delay [s]:</b>	0
	<b>Dispense Speed:</b>	6
	<b>Dispense Delay [s]:</b>	0
	<b>Slow Liquid Exit Aspiration:</b>	No
	<b>Slow Liquid Exit Dispensation:</b>	No
Source Pipetting Height	<b>Heights:</b>	A: Fix
	<b>Tip Travel:</b>	Yes
	<b>Safety Bottom Offset:</b>	A: 2 mm
Target Pipetting Height	<b>Heights:</b>	B: Fix
	<b>Tip Travel:</b>	No
	<b>Safety Bottom Offset:</b>	B: 1.5 mm
Tip Change	<b>Tip Change:</b>	Continue to next step without change

Tip Touch	Tip Touch:	No
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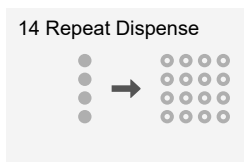
Mix Summary

Mix Target

Target				
Step	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	A12-H12	6 mm	200

Mix Settings

Tab	Parameter	Set value
Source Mix	Mixing:	No
Target Mix	Mixing:	Yes
	Mix Cycles:	90
	Mix Speed:	10
	Tip Travel:	No

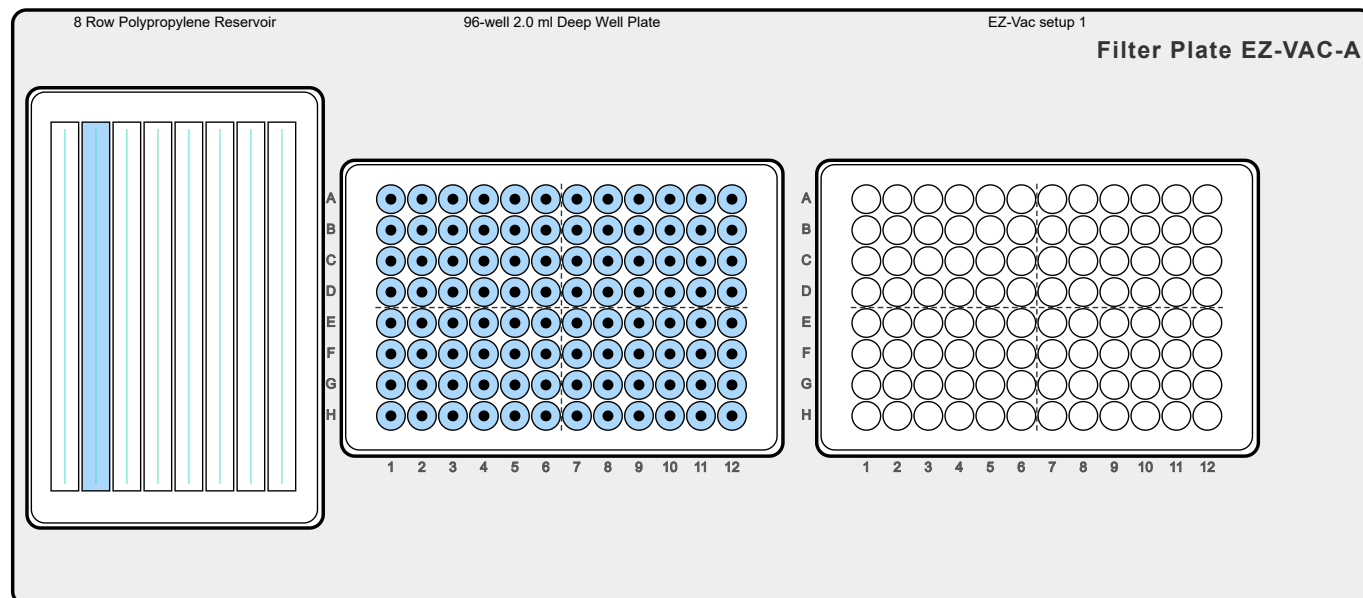


**Total Time:**  
8 min 14 sec

**Total Tip Consumption:**  
Tip 1250µl: 88

### Description:

Transfer 250 µl ZymoPure P2.



### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A2	36.5 mm	B	A1-H1	6.3 mm	250
2	A	A2	34.2 mm	B	A2-H2	6.3 mm	250
3	A	A2	31.8 mm	B	A3-H3	6.3 mm	250
4	A	A2	29.5 mm	B	A4-H4	6.3 mm	250
5	A	A2	27.1 mm	B	A5-H5	6.3 mm	250
6	A	A2	24.8 mm	B	A6-H6	6.3 mm	250
7	A	A2	22.5 mm	B	A7-H7	6.3 mm	250
8	A	A2	20.1 mm	B	A8-H8	6.3 mm	250
9	A	A2	17.8 mm	B	A9-H9	6.3 mm	250
10	A	A2	15.4 mm	B	A10-H10	6.3 mm	250
11	A	A2	13.1 mm	B	A11-H11	6.3 mm	250
12	A	A2	10.8 mm	B	A12-H12	6.3 mm	250

### Pipetting settings

Tab	Parameter	Set value
Volumes	Volume:	Fix
	Post-Dispense Location:	Source
	Reuse Post-Dispense:	No
	Dispense Type:	Single

Pipetting Speeds	<b>Aspiration Speed:</b> <b>Aspiration Delay [s]:</b> <b>Dispense Speed:</b> <b>Dispense Delay [s]:</b> <b>Slow Liquid Exit Aspiration:</b> <b>Slow Liquid Exit Dispensation:</b>	6 0 6 0 No No
Source Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	A: Variable Yes A: 2 mm
Target Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	B: Fix Yes B: 2 mm
Tip Change	<b>Tip Change:</b>	After each dispense
Tip Touch	<b>Tip Touch:</b> <b>Type of Tip Touch:</b> <b>Tip Touch Distance:</b> <b>Tip Touch Height:</b>	Yes B: Liquid B: 3.7 mm B: 11.5 mm

## Mix Summary

## Mix Target

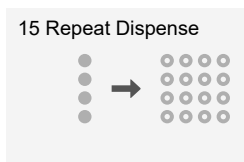
Target				
Step	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	A1-H1	11.2 mm	400
2	B	A2-H2	11.2 mm	400
3	B	A3-H3	11.2 mm	400
4	B	A4-H4	11.2 mm	400
5	B	A5-H5	11.2 mm	400
6	B	A6-H6	11.2 mm	400
7	B	A7-H7	11.2 mm	400
8	B	A8-H8	11.2 mm	400
9	B	A9-H9	11.2 mm	400
10	B	A10-H10	11.2 mm	400
11	B	A11-H11	11.2 mm	400
12	B	A12-H12	11.2 mm	400

## Mix Settings

Tab	Parameter	Set value
Source Mix	<b>Mixing:</b>	No
Target Mix	<b>Mixing:</b> <b>Mix Cycles:</b> <b>Mix Speed:</b> <b>Tip Travel:</b>	Yes 10 8 Yes





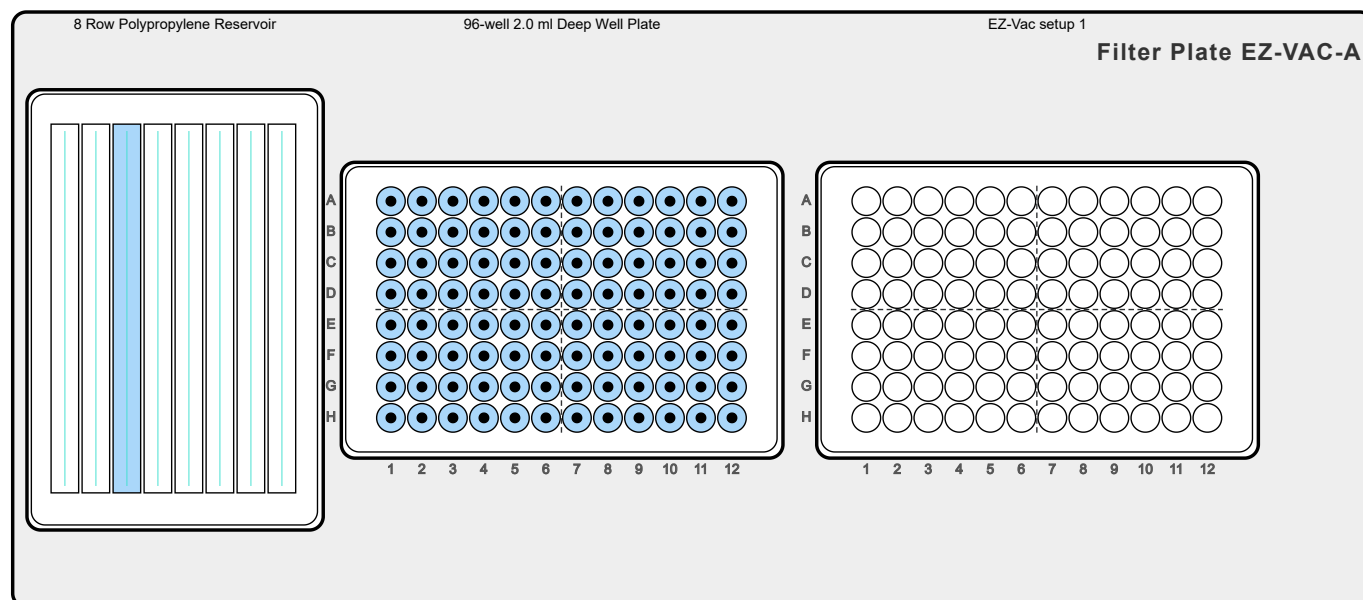


**Total Time:**  
34 min 53 sec

**Total Tip Consumption:**  
Tip 1250µl: 96

### Description:

Transfer 250 µl ZymoPure P3.



### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A3	36.5 mm	B	A1-H1	10 mm	250
2	A	A3	34.2 mm	B	A2-H2	10 mm	250
3	A	A3	31.8 mm	B	A3-H3	10 mm	250
4	A	A3	29.5 mm	B	A4-H4	10 mm	250
5	A	A3	27.1 mm	B	A5-H5	10 mm	250
6	A	A3	24.8 mm	B	A6-H6	10 mm	250
7	A	A3	22.5 mm	B	A7-H7	10 mm	250
8	A	A3	20.1 mm	B	A8-H8	10 mm	250
9	A	A3	17.8 mm	B	A9-H9	10 mm	250
10	A	A3	15.4 mm	B	A10-H10	10 mm	250
11	A	A3	13.1 mm	B	A11-H11	10 mm	250
12	A	A3	10.8 mm	B	A12-H12	10 mm	250

### Pipetting settings

Tab	Parameter	Set value
Volumes	Volume:	Fix
	Post-Dispense Location:	Source
	Reuse Post-Dispense:	No
	Dispense Type:	Single

Pipetting Speeds	<b>Aspiration Speed:</b> <b>Aspiration Delay [s]:</b> <b>Dispense Speed:</b> <b>Dispense Delay [s]:</b> <b>Slow Liquid Exit Aspiration:</b> <b>Slow Liquid Exit Dispensation:</b>	6 0 6 0 No No
Source Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	A: Variable Yes A: 2 mm
Target Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	B: Fix Yes B: 2 mm
Tip Change	<b>Tip Change:</b>	After each dispense
Tip Touch	<b>Tip Touch:</b> <b>Type of Tip Touch:</b> <b>Tip Touch Distance:</b> <b>Tip Touch Height:</b>	Yes B: Liquid B: 3.7 mm B: 16.5 mm

## Mix Summary

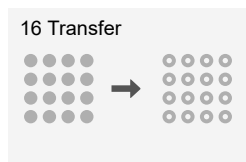
## Mix Target

Target				
Step	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	A1-H1	15 mm	500
2	B	A2-H2	15 mm	500
3	B	A3-H3	15 mm	500
4	B	A4-H4	15 mm	500
5	B	A5-H5	15 mm	500
6	B	A6-H6	15 mm	500
7	B	A7-H7	15 mm	500
8	B	A8-H8	15 mm	500
9	B	A9-H9	15 mm	500
10	B	A10-H10	15 mm	500
11	B	A11-H11	15 mm	500
12	B	A12-H12	15 mm	500

## Mix Settings

Tab	Parameter	Set value
Source Mix	<b>Mixing:</b>	No
Target Mix	<b>Mixing:</b> <b>Mix Cycles:</b> <b>Mix Speed:</b> <b>Tip Travel:</b>	Yes 13 2 Yes



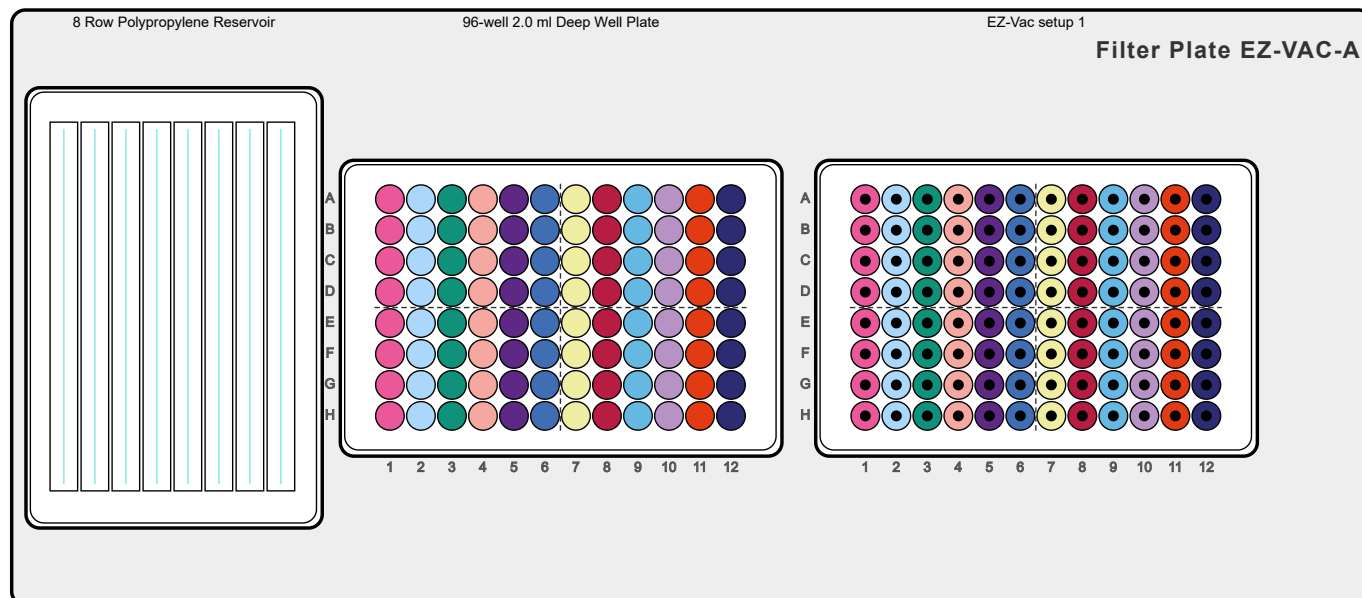


**Total Time:**  
9 min 49 sec

**Total Tip Consumption:**  
Tip 1250µl: 96

## Description:

Transfer lysate on filter plate.



## Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	B	A1-H1	15.3 mm	C	A1-H1	82.1 mm	850
2	B	A2-H2	15.3 mm	C	A2-H2	82.1 mm	850
3	B	A3-H3	15.3 mm	C	A3-H3	82.1 mm	850
4	B	A4-H4	15.3 mm	C	A4-H4	82.1 mm	850
5	B	A5-H5	15.3 mm	C	A5-H5	82.1 mm	850
6	B	A6-H6	15.3 mm	C	A6-H6	82.1 mm	850
7	B	A7-H7	15.3 mm	C	A7-H7	82.1 mm	850
8	B	A8-H8	15.3 mm	C	A8-H8	82.1 mm	850
9	B	A9-H9	15.3 mm	C	A9-H9	82.1 mm	850
10	B	A10-H10	15.3 mm	C	A10-H10	82.1 mm	850
11	B	A11-H11	15.3 mm	C	A11-H11	82.1 mm	850
12	B	A12-H12	15.3 mm	C	A12-H12	82.1 mm	850

## Pipetting settings

Tab	Parameter	Set value
Volumes	Volume:	Fix

Pipetting Speeds	<b>Aspiration Speed:</b> <b>Aspiration Delay [s]:</b> <b>Dispense Speed:</b> <b>Dispense Delay [s]:</b> <b>Slow Liquid Exit Aspiration:</b> <b>Slow Liquid Exit Dispensation:</b>	2 0 5 0 Yes No
Source Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	B: Fix Yes B: 0.5 mm
Target Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	C: Fix No C: 2 mm
Tip Change	<b>Tip Change:</b>	After each transfer
Tip Touch	<b>Tip Touch:</b> <b>Type of Tip Touch:</b> <b>Tip Touch Distance:</b> <b>Tip Touch Height:</b>	Yes C: Liquid C: 3.7 mm C: 81 mm

17 Delay

**Description:**

Incubate lysate 5 minutes on filter plate.

**Settings**

Tab	Parameter	Set value
Delay	<b>Mode:</b>	Delay
	<b>Delay Time [s]:</b>	300
	<b>Skip Delay by RUN:</b>	Yes

18 Message



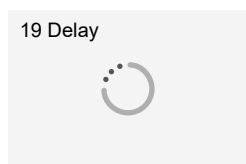
**Description:**

Turn on the vacuum.

**Settings**

Tab	Parameter	Set value
Message	<b>Mode:</b> <b>Message Line 1:</b> <b>Message Line 2:</b> <b>Message Line 3:</b>	Play and confirm vacuum ON at 300 mm Hg



**Description:**

Clear lysates for 5 minutes.

**Settings**

Tab	Parameter	Set value
Delay	<b>Mode:</b>	Delay
	<b>Delay Time [s]:</b>	300
	<b>Skip Delay by RUN:</b>	Yes

20 Message

**Description:**

Remove EZ-Vac setup A.

## Settings

Tab	Parameter	Set value
Message	<b>Mode:</b>	Play and confirm
	<b>Message Line 1:</b>	Remove EZ-
	<b>Message Line 2:</b>	VAC setup A
	<b>Message Line 3:</b>	from C

21 Message



**Description:**

Place DWP on position B.

**Settings**

Tab	Parameter	Set value
Message	<b>Mode:</b> <b>Message Line 1:</b> <b>Message Line 2:</b> <b>Message Line 3:</b>	Play and confirm Place DWP on position B

22 Message



**Description:**

Place EZ-Vac setup B.

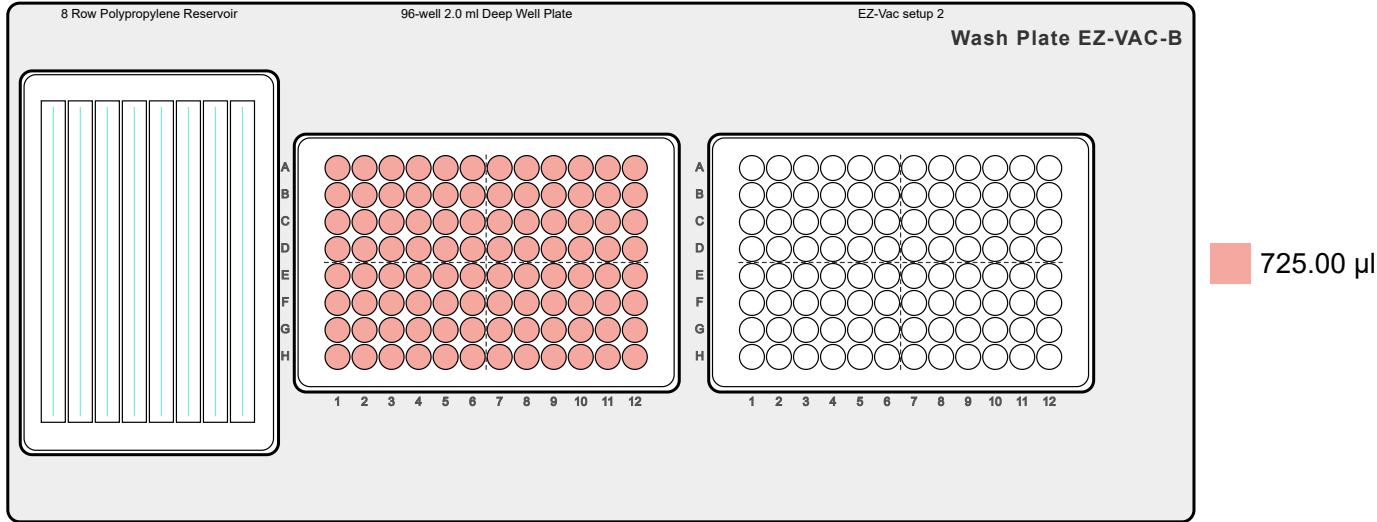
**Settings**

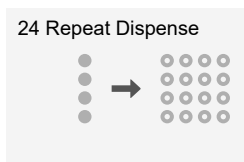
Tab	Parameter	Set value
Message	<b>Mode:</b> <b>Message Line 1:</b> <b>Message Line 2:</b> <b>Message Line 3:</b>	Play and confirm Place EZ- VAC setup B on C

23 Labware Change



**Description:**  
Labware change EZ-vac setup B.



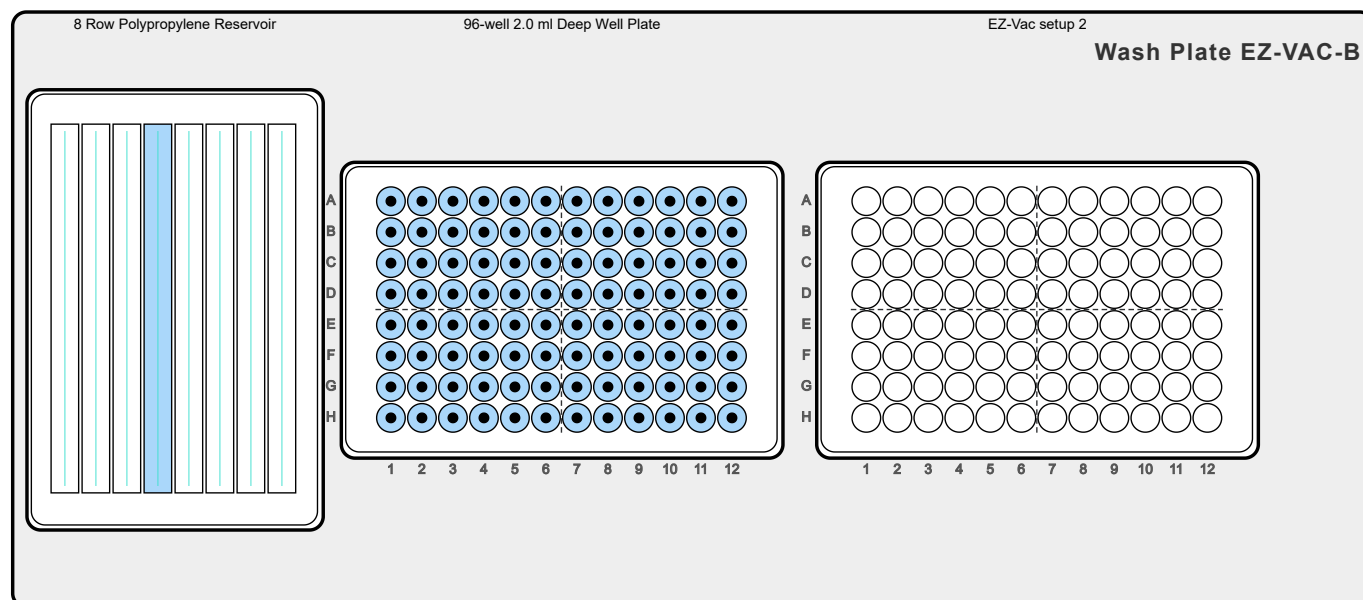


**Total Time:**  
8 min 45 sec

**Total Tip Consumption:**  
Tip 1250µl: 96

### Description:

Transfer 165 µl ZymoPure binding buffer.



### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A4	36.5 mm	B	A1-H1	14.8 mm	165
2	A	A4	35 mm	B	A2-H2	14.8 mm	165
3	A	A4	33.4 mm	B	A3-H3	14.8 mm	165
4	A	A4	31.9 mm	B	A4-H4	14.8 mm	165
5	A	A4	30.3 mm	B	A5-H5	14.8 mm	165
6	A	A4	28.8 mm	B	A6-H6	14.8 mm	165
7	A	A4	27.3 mm	B	A7-H7	14.8 mm	165
8	A	A4	25.7 mm	B	A8-H8	14.8 mm	165
9	A	A4	24.2 mm	B	A9-H9	14.8 mm	165
10	A	A4	22.6 mm	B	A10-H10	14.8 mm	165
11	A	A4	21.1 mm	B	A11-H11	14.8 mm	165
12	A	A4	19.6 mm	B	A12-H12	14.8 mm	165

### Pipetting settings

Tab	Parameter	Set value
Volumes	Volume:	Fix
	Post-Dispense Location:	Source
	Reuse Post-Dispense:	No
	Dispense Type:	Single

Pipetting Speeds	<b>Aspiration Speed:</b> <b>Aspiration Delay [s]:</b> <b>Dispense Speed:</b> <b>Dispense Delay [s]:</b> <b>Slow Liquid Exit Aspiration:</b> <b>Slow Liquid Exit Dispensation:</b>	6 0 6 0 No No
Source Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	A: Variable Yes A: 2 mm
Target Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	B: Fix No B: 2 mm
Tip Change	<b>Tip Change:</b>	After each dispense
Tip Touch	<b>Tip Touch:</b> <b>Type of Tip Touch:</b> <b>Tip Touch Distance:</b> <b>Tip Touch Height:</b>	Yes B: Liquid B: 3.7 mm B: 19 mm

## Mix Summary

## Mix Target

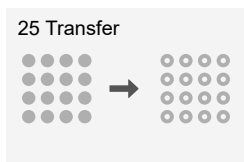
Target				
Step	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	A1-H1	15 mm	500
2	B	A2-H2	15 mm	500
3	B	A3-H3	15 mm	500
4	B	A4-H4	15 mm	500
5	B	A5-H5	15 mm	500
6	B	A6-H6	15 mm	500
7	B	A7-H7	15 mm	500
8	B	A8-H8	15 mm	500
9	B	A9-H9	15 mm	500
10	B	A10-H10	15 mm	500
11	B	A11-H11	15 mm	500
12	B	A12-H12	15 mm	500

## Mix Settings

Tab	Parameter	Set value
Source Mix	<b>Mixing:</b>	No
Target Mix	<b>Mixing:</b> <b>Mix Cycles:</b> <b>Mix Speed:</b> <b>Tip Travel:</b>	Yes 10 8 Yes







**Total Time:**  
5 min 49 sec

**Total Tip Consumption:**  
Tip 1250µl: 96

### Description:

Transfer liquid to Zymo-spin P-96 plate.



### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	B	A1-H1	18 mm	C	A1-H1	86 mm	890
2	B	A2-H2	18 mm	C	A2-H2	86 mm	890
3	B	A3-H3	18 mm	C	A3-H3	86 mm	890
4	B	A4-H4	18 mm	C	A4-H4	86 mm	890
5	B	A5-H5	18 mm	C	A5-H5	86 mm	890
6	B	A6-H6	18 mm	C	A6-H6	86 mm	890
7	B	A7-H7	18 mm	C	A7-H7	86 mm	890
8	B	A8-H8	18 mm	C	A8-H8	86 mm	890
9	B	A9-H9	18 mm	C	A9-H9	86 mm	890
10	B	A10-H10	18 mm	C	A10-H10	86 mm	890
11	B	A11-H11	18 mm	C	A11-H11	86 mm	890
12	B	A12-H12	18 mm	C	A12-H12	86 mm	890

### Pipetting settings

Tab	Parameter	Set value
Volumes	Volume:	Fix

Pipetting Speeds	<b>Aspiration Speed:</b> <b>Aspiration Delay [s]:</b> <b>Dispense Speed:</b> <b>Dispense Delay [s]:</b> <b>Slow Liquid Exit Aspiration:</b> <b>Slow Liquid Exit Dispensation:</b>	6 0 6 0 No No
Source Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	B: Fix Yes B: 0.5 mm
Target Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	C: Fix Yes C: 2 mm
Tip Change	<b>Tip Change:</b>	After each transfer
Tip Touch	<b>Tip Touch:</b> <b>Type of Tip Touch:</b> <b>Tip Touch Distance:</b> <b>Tip Touch Height:</b>	Yes C: Liquid C: 3.7 mm C: 96 mm

26 Delay



**Description:**

Incubate for 2 minutes.

**Settings**

Tab	Parameter	Set value
Delay	<b>Mode:</b> <b>Delay Time [s]:</b> <b>Skip Delay by RUN:</b>	Delay 120 Yes

27 Message

**Description:**

Turn on the vacuum.

## Settings

Tab	Parameter	Set value
Message	<b>Mode:</b> <b>Message Line 1:</b> <b>Message Line 2:</b> <b>Message Line 3:</b>	Play and confirm vacuum ON at 300 mm Hg -

28 Message

**Description:**

Turn off the vacuum when all liquid is gone.

## Settings

Tab	Parameter	Set value
Message	<b>Mode:</b>	Play and confirm
	<b>Message Line 1:</b>	All liquid
	<b>Message Line 2:</b>	gone then
	<b>Message Line 3:</b>	vacuum off

29 Message



**Description:**

Place new reservoir on position A.

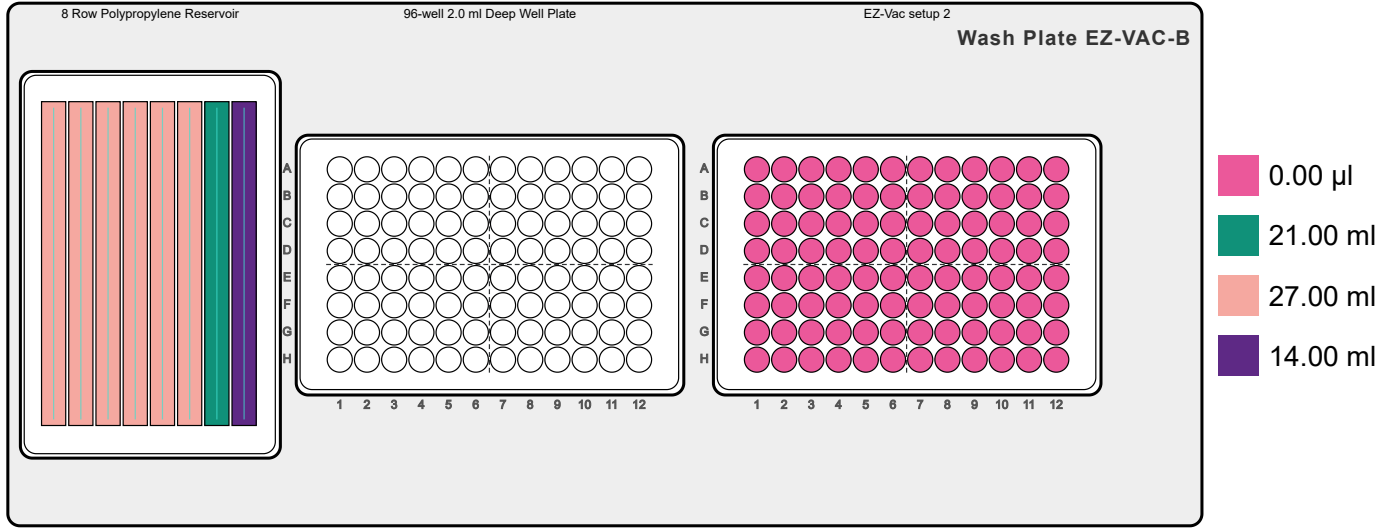
**Settings**

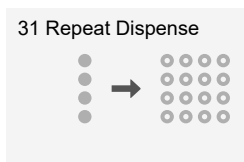
Tab	Parameter	Set value
Message	<b>Mode:</b> <b>Message Line 1:</b> <b>Message Line 2:</b> <b>Message Line 3:</b>	Play and confirm Place new reservoir on A

30 Volume Change



**Description:**  
Volume change.



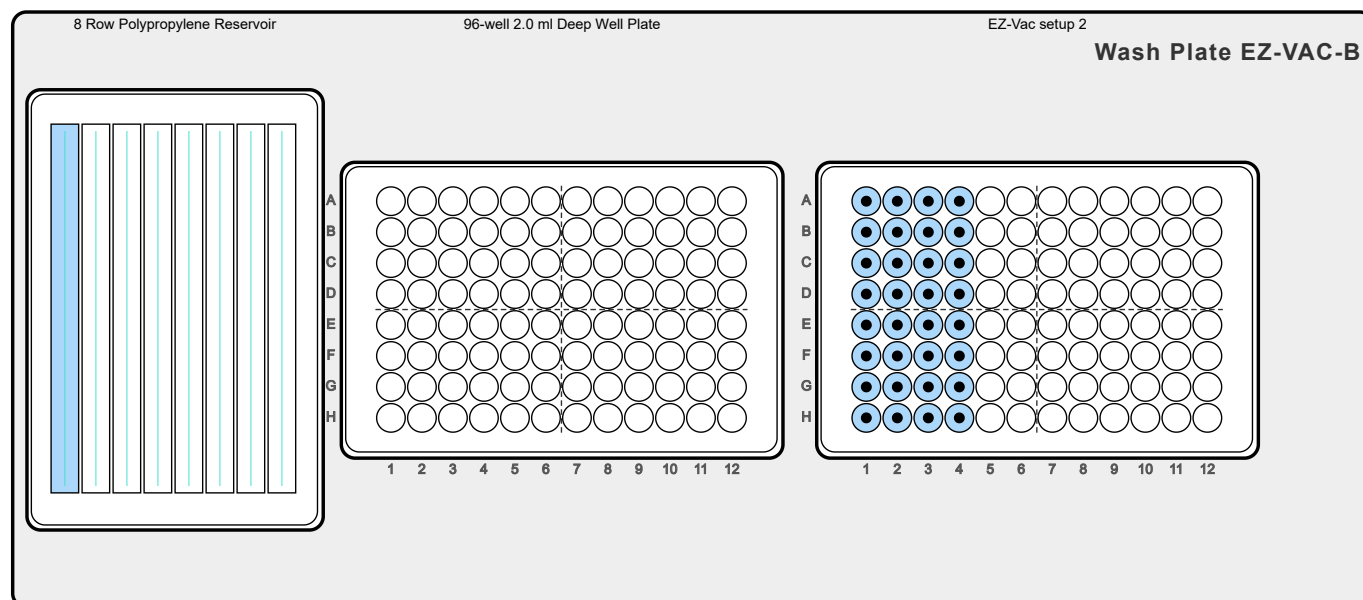


**Total Time:**  
1 min 53 sec

**Total Tip Consumption:**  
Tip 1250µl: 32

### Description:

Transfer 800 µl ZymoPURE wash 1 to first one-third.



### Summary individual transfers

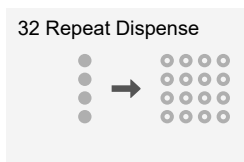
Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A1	34.5 mm	C	A1-H1	96 mm	800
2	A	A1	27 mm	C	A2-H2	96 mm	800
3	A	A1	19.6 mm	C	A3-H3	96 mm	800
4	A	A1	12.1 mm	C	A4-H4	96 mm	800

### Pipetting settings

Tab	Parameter	Set value
Volumes	<b>Volume:</b>	Fix
	<b>Post-Dispense Location:</b>	Source
	<b>Reuse Post-Dispense:</b>	No
	<b>Dispense Type:</b>	Single
Pipetting Speeds	<b>Aspiration Speed:</b>	6
	<b>Aspiration Delay [s]:</b>	0
	<b>Dispense Speed:</b>	6
	<b>Dispense Delay [s]:</b>	0
	<b>Slow Liquid Exit Aspiration:</b>	No
	<b>Slow Liquid Exit Dispensation:</b>	No



Source Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	A: Variable Yes A: 2 mm
Target Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	C: Fix No C: 2 mm
Tip Change	<b>Tip Change:</b>	After each dispense
Tip Touch	<b>Tip Touch:</b> <b>Type of Tip Touch:</b> <b>Tip Touch Distance:</b> <b>Tip Touch Height:</b>	Yes C: Liquid C: 3.7 mm C: 96 mm

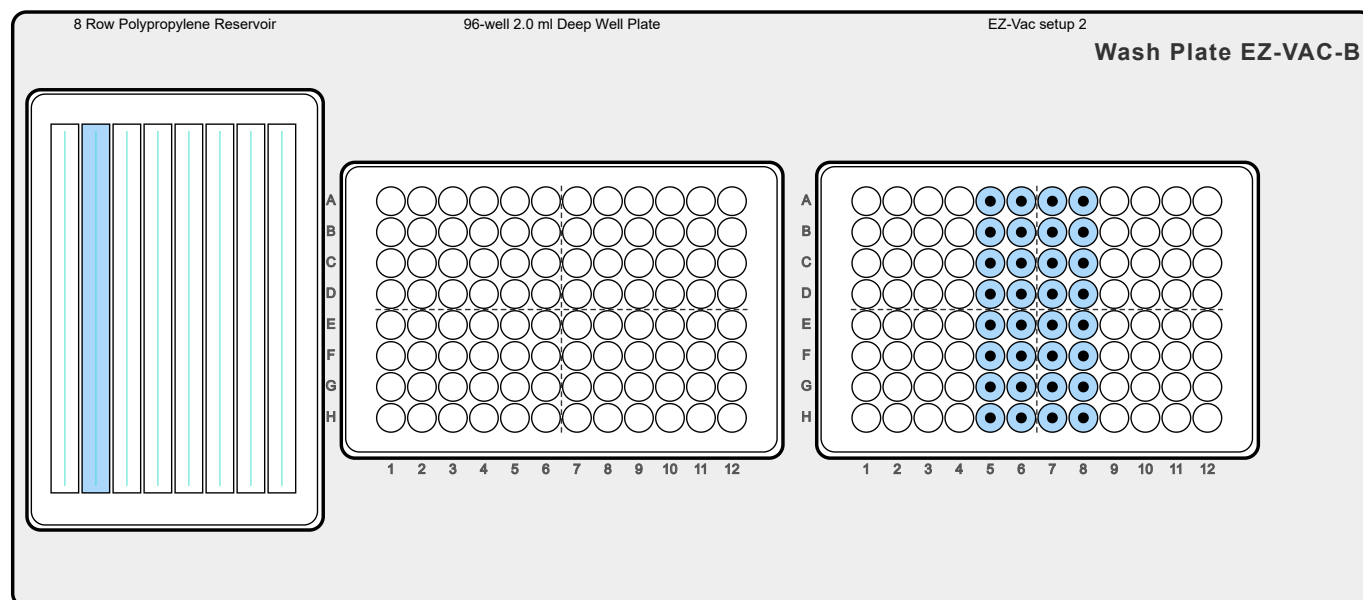


**Total Time:**  
1 min 54 sec

**Total Tip Consumption:**  
Tip 1250µl: 32

### Description:

Transfer 800 µl ZymoPURE wash 1 to second one-third.



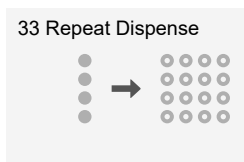
### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A2	34.5 mm	C	A5-H5	96 mm	800
2	A	A2	27 mm	C	A6-H6	96 mm	800
3	A	A2	19.6 mm	C	A7-H7	96 mm	800
4	A	A2	12.1 mm	C	A8-H8	96 mm	800

### Pipetting settings

Tab	Parameter	Set value
Volumes	<b>Volume:</b>	Fix
	<b>Post-Dispense Location:</b>	Source
	<b>Reuse Post-Dispense:</b>	No
	<b>Dispense Type:</b>	Single
Pipetting Speeds	<b>Aspiration Speed:</b>	6
	<b>Aspiration Delay [s]:</b>	0
	<b>Dispense Speed:</b>	6
	<b>Dispense Delay [s]:</b>	0
	<b>Slow Liquid Exit Aspiration:</b>	No
	<b>Slow Liquid Exit Dispensation:</b>	No

Source Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	A: Variable Yes A: 2 mm
Target Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	C: Fix No C: 2 mm
Tip Change	<b>Tip Change:</b>	After each dispense
Tip Touch	<b>Tip Touch:</b> <b>Type of Tip Touch:</b> <b>Tip Touch Distance:</b> <b>Tip Touch Height:</b>	Yes C: Liquid C: 3.7 mm C: 96 mm

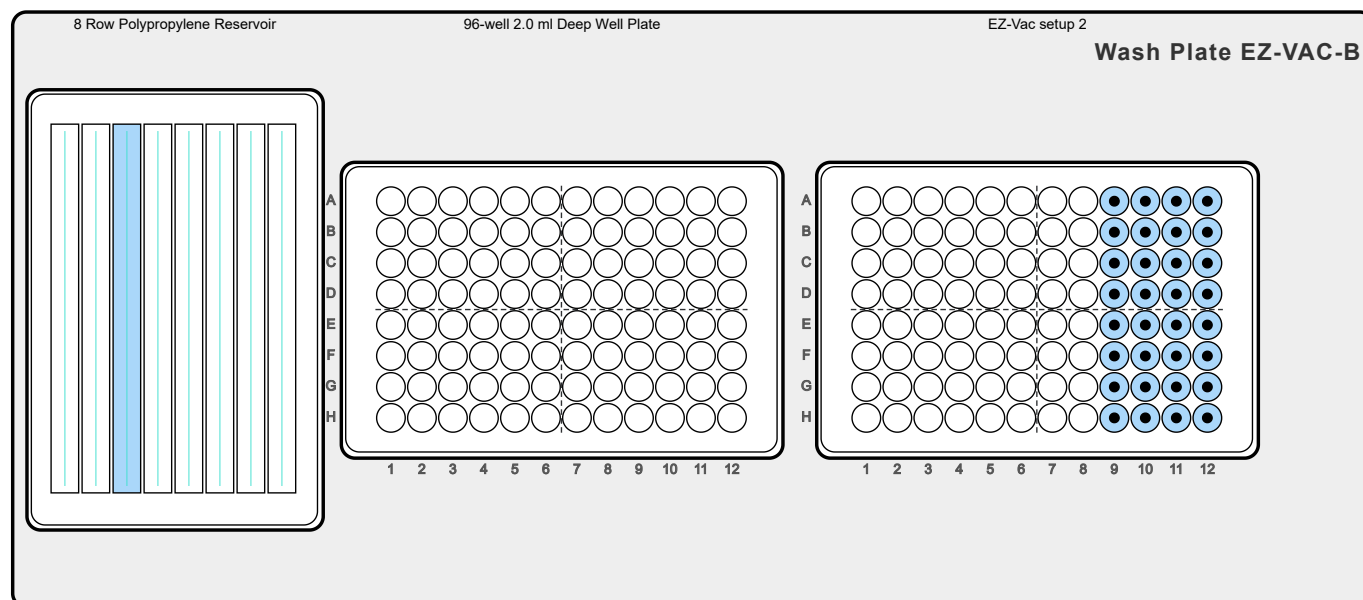


**Total Time:**  
1 min 54 sec

**Total Tip Consumption:**  
Tip 1250µl: 32

### Description:

Transfer 800 µl ZymoPURE wash 1 to thrird one-third.



### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A3	34.5 mm	C	A9-H9	96 mm	800
2	A	A3	27 mm	C	A10-H10	96 mm	800
3	A	A3	19.6 mm	C	A11-H11	96 mm	800
4	A	A3	12.1 mm	C	A12-H12	96 mm	800

### Pipetting settings

Tab	Parameter	Set value
Volumes	<b>Volume:</b>	Fix
	<b>Post-Dispense Location:</b>	Source
	<b>Reuse Post-Dispense:</b>	No
	<b>Dispense Type:</b>	Single
Pipetting Speeds	<b>Aspiration Speed:</b>	6
	<b>Aspiration Delay [s]:</b>	0
	<b>Dispense Speed:</b>	6
	<b>Dispense Delay [s]:</b>	0
	<b>Slow Liquid Exit Aspiration:</b>	No
	<b>Slow Liquid Exit Dispensation:</b>	No

Source Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	A: Variable Yes A: 2 mm
Target Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	C: Fix No C: 2 mm
Tip Change	<b>Tip Change:</b>	After each dispense
Tip Touch	<b>Tip Touch:</b> <b>Type of Tip Touch:</b> <b>Tip Touch Distance:</b> <b>Tip Touch Height:</b>	Yes C: Liquid C: 3.7 mm C: 96 mm

34 Message



**Description:**

Turn on the vacuum.

**Settings**

Tab	Parameter	Set value
Message	<b>Mode:</b> <b>Message Line 1:</b> <b>Message Line 2:</b> <b>Message Line 3:</b>	Play and confirm vacuum ON at 300 mm Hg -

35 Message

**Description:**

Turn off the vacuum when all liquid is gone.

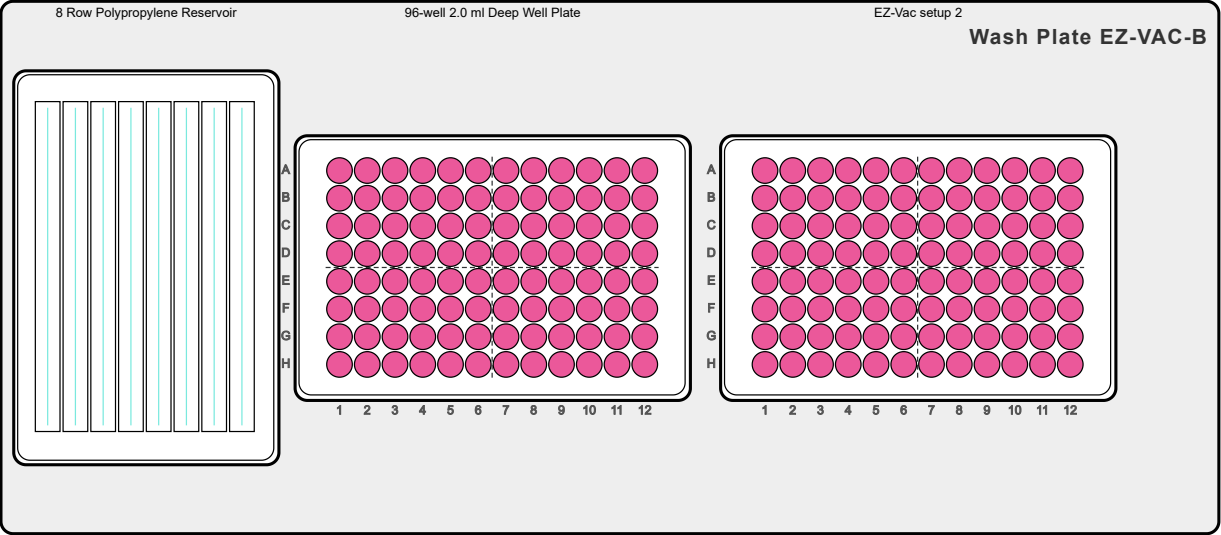
## Settings

Tab	Parameter	Set value
Message	<b>Mode:</b>	Play and confirm
	<b>Message Line 1:</b>	All liquid
	<b>Message Line 2:</b>	gone then
	<b>Message Line 3:</b>	vacuum off

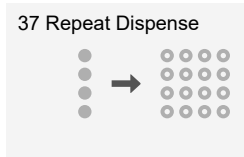
36 Volume Change



**Description:**  
Volume change.





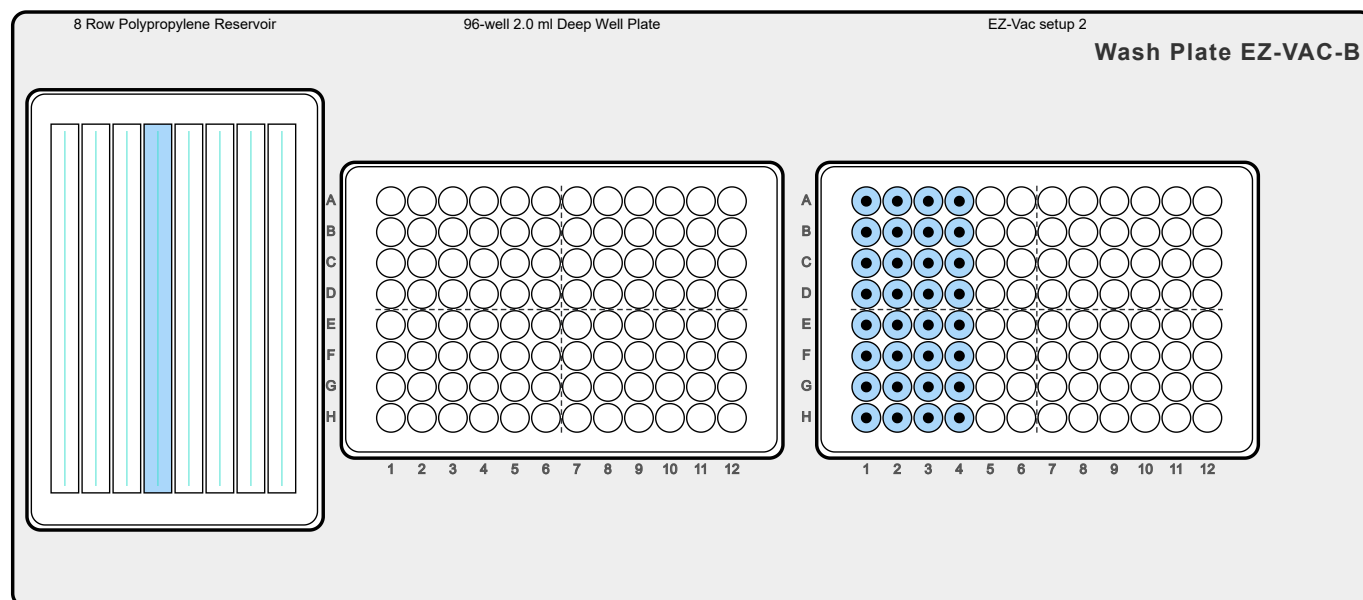


**Total Time:**  
1 min 54 sec

**Total Tip Consumption:**  
Tip 1250µl: 32

### Description:

Transfer 800 µl ZymoPURE wash 2 to first one-third.



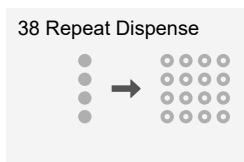
### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A4	34.5 mm	C	A1-H1	96 mm	800
2	A	A4	27 mm	C	A2-H2	96 mm	800
3	A	A4	19.6 mm	C	A3-H3	96 mm	800
4	A	A4	12.1 mm	C	A4-H4	96 mm	800

### Pipetting settings

Tab	Parameter	Set value
Volumes	<b>Volume:</b>	Fix
	<b>Post-Dispense Location:</b>	Source
	<b>Reuse Post-Dispense:</b>	No
	<b>Dispense Type:</b>	Single
Pipetting Speeds	<b>Aspiration Speed:</b>	7
	<b>Aspiration Delay [s]:</b>	0
	<b>Dispense Speed:</b>	5
	<b>Dispense Delay [s]:</b>	0
	<b>Slow Liquid Exit Aspiration:</b>	No
	<b>Slow Liquid Exit Dispensation:</b>	No

Source Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	A: Variable Yes A: 2 mm
Target Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	C: Fix No C: 2 mm
Tip Change	<b>Tip Change:</b>	After each dispense
Tip Touch	<b>Tip Touch:</b> <b>Type of Tip Touch:</b> <b>Tip Touch Distance:</b> <b>Tip Touch Height:</b>	Yes C: Liquid C: 3.7 mm C: 96 mm

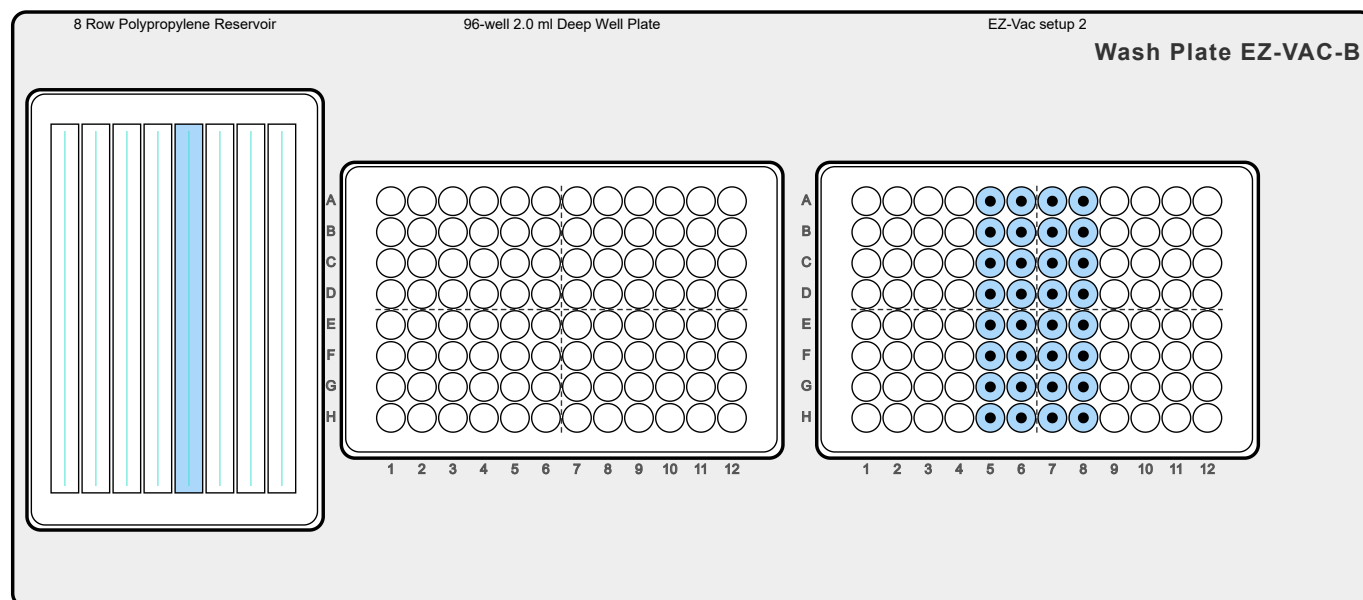


**Total Time:**  
1 min 55 sec

**Total Tip Consumption:**  
Tip 1250µl: 32

### Description:

Transfer 800 µl ZymoPURE wash 2 to second one-third.



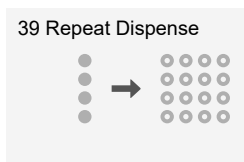
### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A5	34.5 mm	C	A5-H5	96 mm	800
2	A	A5	27 mm	C	A6-H6	96 mm	800
3	A	A5	19.6 mm	C	A7-H7	96 mm	800
4	A	A5	12.1 mm	C	A8-H8	96 mm	800

### Pipetting settings

Tab	Parameter	Set value
Volumes	<b>Volume:</b>	Fix
	<b>Post-Dispense Location:</b>	Source
	<b>Reuse Post-Dispense:</b>	No
	<b>Dispense Type:</b>	Single
Pipetting Speeds	<b>Aspiration Speed:</b>	7
	<b>Aspiration Delay [s]:</b>	0
	<b>Dispense Speed:</b>	5
	<b>Dispense Delay [s]:</b>	0
	<b>Slow Liquid Exit Aspiration:</b>	No
	<b>Slow Liquid Exit Dispensation:</b>	No

Source Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	A: Variable Yes A: 2 mm
Target Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	C: Fix No C: 2 mm
Tip Change	<b>Tip Change:</b>	After each dispense
Tip Touch	<b>Tip Touch:</b> <b>Type of Tip Touch:</b> <b>Tip Touch Distance:</b> <b>Tip Touch Height:</b>	Yes C: Liquid C: 3.7 mm C: 96 mm

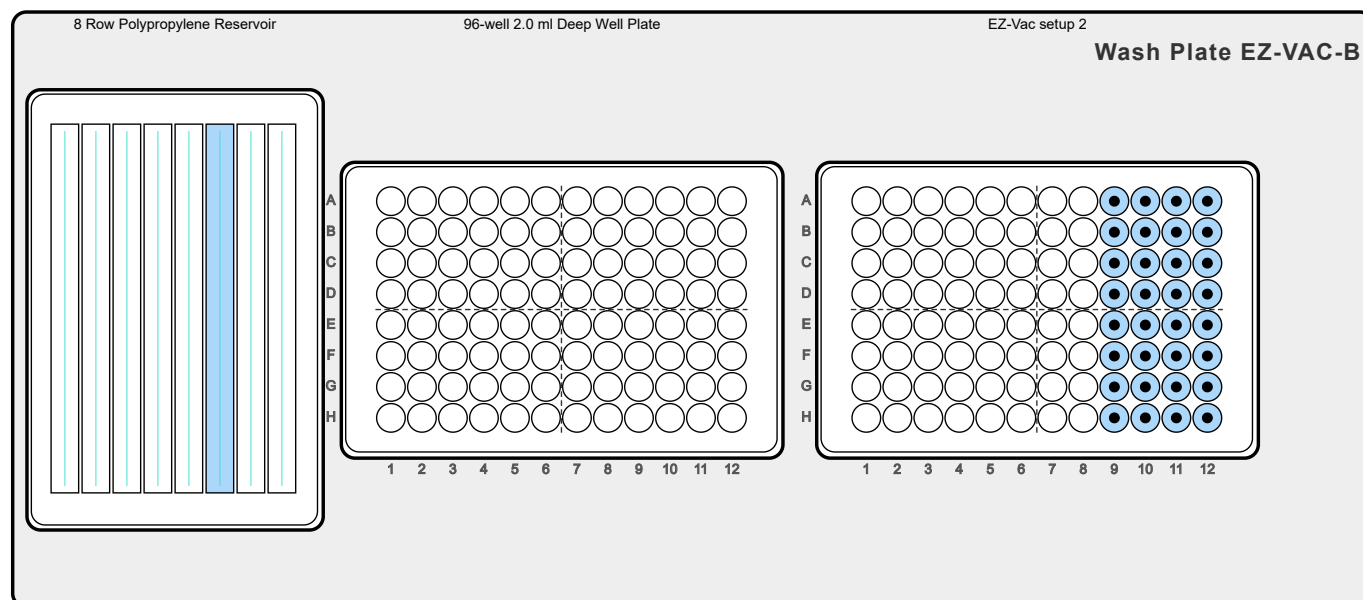


**Total Time:**  
1 min 56 sec

**Total Tip Consumption:**  
Tip 1250µl: 32

### Description:

Transfer 800 µl ZymoPURE wash 2 to thrird one-third.



### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A6	34.5 mm	C	A9-H9	96 mm	800
2	A	A6	27 mm	C	A10-H10	96 mm	800
3	A	A6	19.6 mm	C	A11-H11	96 mm	800
4	A	A6	12.1 mm	C	A12-H12	96 mm	800

### Pipetting settings

Tab	Parameter	Set value
Volumes	<b>Volume:</b>	Fix
	<b>Post-Dispense Location:</b>	Source
	<b>Reuse Post-Dispense:</b>	No
	<b>Dispense Type:</b>	Single
Pipetting Speeds	<b>Aspiration Speed:</b>	7
	<b>Aspiration Delay [s]:</b>	0
	<b>Dispense Speed:</b>	5
	<b>Dispense Delay [s]:</b>	0
	<b>Slow Liquid Exit Aspiration:</b>	No
	<b>Slow Liquid Exit Dispensation:</b>	No

Source Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	A: Variable Yes A: 2 mm
Target Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	C: Fix No C: 2 mm
Tip Change	<b>Tip Change:</b>	After each dispense
Tip Touch	<b>Tip Touch:</b> <b>Type of Tip Touch:</b> <b>Tip Touch Distance:</b> <b>Tip Touch Height:</b>	Yes C: Liquid C: 3.7 mm C: 96 mm

40 Message

**Description:**

Turn on the vacuum.

## Settings

Tab	Parameter	Set value
Message	<b>Mode:</b> <b>Message Line 1:</b> <b>Message Line 2:</b> <b>Message Line 3:</b>	Play and confirm vacuum ON at 300 mm Hg -

41 Message

**Description:**

Turn off the vacuum when all liquid is gone.

## Settings

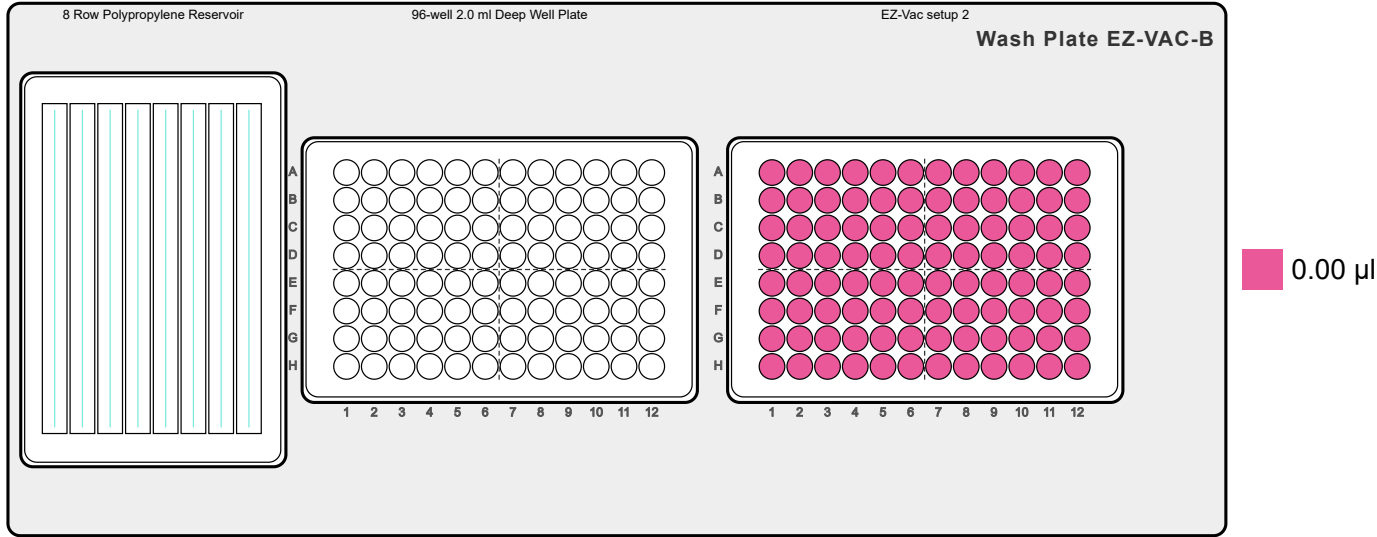
Tab	Parameter	Set value
Message	<b>Mode:</b>	Play and confirm
	<b>Message Line 1:</b>	All liquid
	<b>Message Line 2:</b>	gone then
	<b>Message Line 3:</b>	vacuum off



42 Volume Change



**Description:**  
Liquid change.



43 Repeat Dispense



**Total Time:**

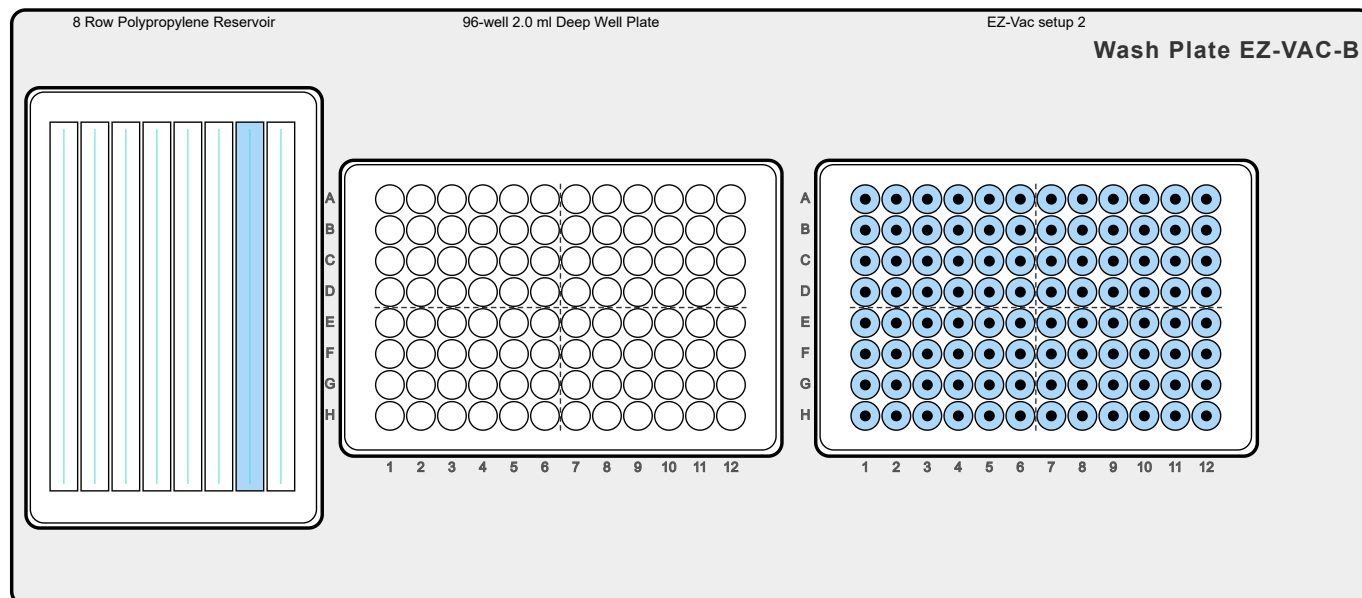
5 min 17 sec

**Total Tip Consumption:**

Tip 1250µl: 96

## Description:

Transfer 200 µl ZymoPURE wash 2.



## Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A7	27.5 mm	C	A1-H1	96 mm	200
2	A	A7	25.6 mm	C	A2-H2	96 mm	200
3	A	A7	23.8 mm	C	A3-H3	96 mm	200
4	A	A7	21.9 mm	C	A4-H4	96 mm	200
5	A	A7	20 mm	C	A5-H5	96 mm	200
6	A	A7	18.2 mm	C	A6-H6	96 mm	200
7	A	A7	16.3 mm	C	A7-H7	96 mm	200
8	A	A7	14.4 mm	C	A8-H8	96 mm	200
9	A	A7	12.5 mm	C	A9-H9	96 mm	200
10	A	A7	10.7 mm	C	A10-H10	96 mm	200
11	A	A7	8.8 mm	C	A11-H11	96 mm	200
12	A	A7	6.9 mm	C	A12-H12	96 mm	200

## Pipetting settings

Tab	Parameter	Set value
Volumes	Volume:	Fix
	Post-Dispense Location:	Source
	Reuse Post-Dispense:	No
	Dispense Type:	Single

Pipetting Speeds	<b>Aspiration Speed:</b> <b>Aspiration Delay [s]:</b> <b>Dispense Speed:</b> <b>Dispense Delay [s]:</b> <b>Slow Liquid Exit Aspiration:</b> <b>Slow Liquid Exit Dispensation:</b>	7 0 5 0 No No
Source Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	A: Variable Yes A: 2 mm
Target Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	C: Fix No C: 2 mm
Tip Change	<b>Tip Change:</b>	After each dispense
Tip Touch	<b>Tip Touch:</b> <b>Type of Tip Touch:</b> <b>Tip Touch Distance:</b> <b>Tip Touch Height:</b>	Yes C: Liquid C: 3.7 mm C: 88.5 mm

44 Message



**Description:**

Turn on the vacuum.

**Settings**

Tab	Parameter	Set value
Message	<b>Mode:</b>	Play and confirm
	<b>Message Line 1:</b>	vacuum ON
	<b>Message Line 2:</b>	at
	<b>Message Line 3:</b>	600 mm Hg

45 Delay



**Description:**

Dry the plate 10 minutes with vacuum turned on.

**Settings**

Tab	Parameter	Set value
Delay	<b>Mode:</b>	Delay
	<b>Delay Time [s]:</b>	600
	<b>Skip Delay by RUN:</b>	Yes

46 Message



**Description:**

Turn off the vacuum.

**Settings**

Tab	Parameter	Set value
Message	<b>Mode:</b> <b>Message Line 1:</b> <b>Message Line 2:</b> <b>Message Line 3:</b>	Play and confirm Turn off the vacuum

47 Message



**Description:**

Remove EZ-vac setup B.

**Settings**

Tab	Parameter	Set value
Message	<b>Mode:</b>	Play and confirm
	<b>Message Line 1:</b>	Remove
	<b>Message Line 2:</b>	EC-Vac
	<b>Message Line 3:</b>	set-up B

48 Message

**Description:**

Dry filter with absorbance paper.

## Settings

Tab	Parameter	Set value
Message	<b>Mode:</b>	Play and confirm
	<b>Message Line 1:</b>	Dry plate
	<b>Message Line 2:</b>	with clean
	<b>Message Line 3:</b>	absorb paper



49 Message

**Description:**

Place EZ-vac setup C on position C.

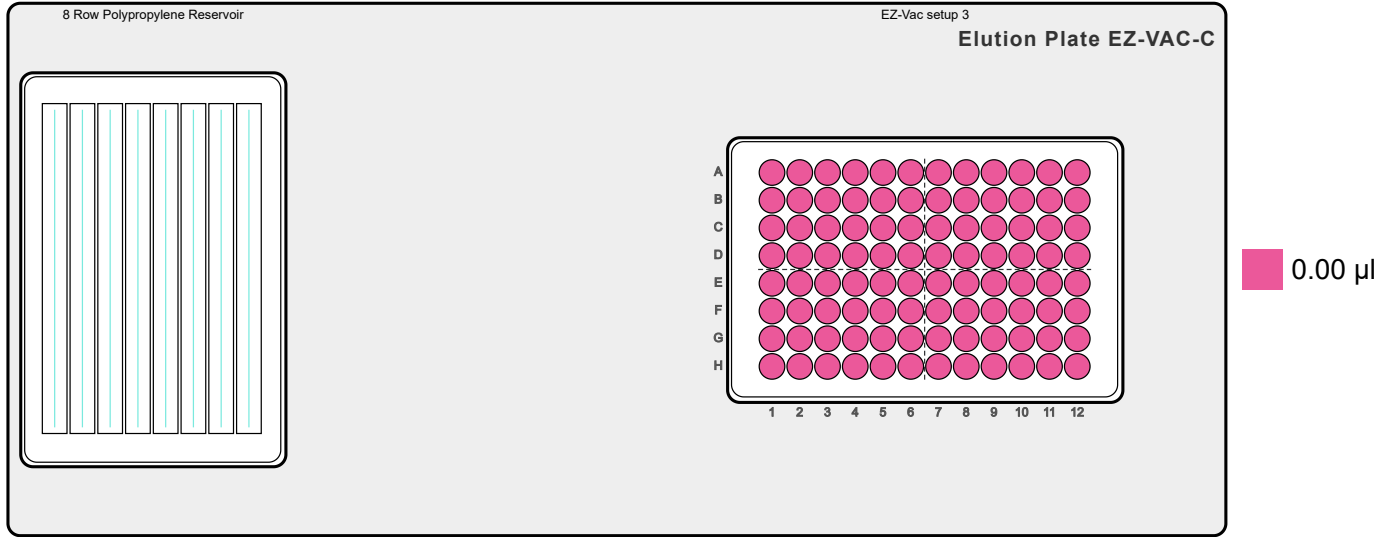
## Settings

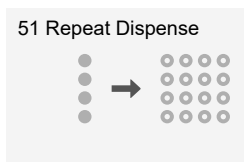
Tab	Parameter	Set value
Message	<b>Mode:</b>	Play and confirm
	<b>Message Line 1:</b>	Place EC-
	<b>Message Line 2:</b>	VAC setup C
	<b>Message Line 3:</b>	on C

50 Labware Change



**Description:**  
Labware change EZ-vac setup C.



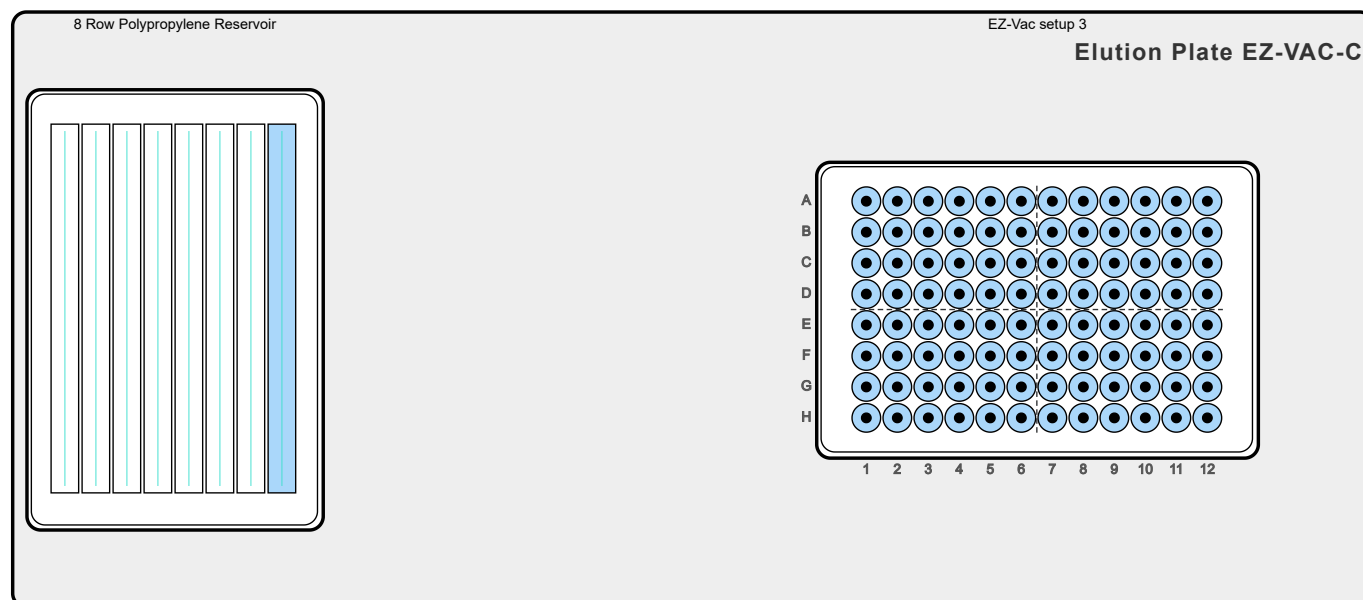


**Total Time:**  
5 min 13 sec

**Total Tip Consumption:**  
Tip 1250µl: 96

### Description:

Transfer 125 µl ZymoPURE elution buffer.



### Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	A	A8	20 mm	C	A1-H1	85.9 mm	125
2	A	A8	18.8 mm	C	A2-H2	85.9 mm	125
3	A	A8	17.7 mm	C	A3-H3	85.9 mm	125
4	A	A8	16.5 mm	C	A4-H4	85.9 mm	125
5	A	A8	15.3 mm	C	A5-H5	85.9 mm	125
6	A	A8	14.2 mm	C	A6-H6	85.9 mm	125
7	A	A8	13 mm	C	A7-H7	85.9 mm	125
8	A	A8	11.8 mm	C	A8-H8	85.9 mm	125
9	A	A8	10.6 mm	C	A9-H9	85.9 mm	125
10	A	A8	9.5 mm	C	A10-H10	85.9 mm	125
11	A	A8	8.3 mm	C	A11-H11	85.9 mm	125
12	A	A8	7.1 mm	C	A12-H12	85.9 mm	125

### Pipetting settings

Tab	Parameter	Set value
Volumes	Volume:	Fix
	Post-Dispense Location:	Source
	Reuse Post-Dispense:	No
	Dispense Type:	Single

Pipetting Speeds	<b>Aspiration Speed:</b> <b>Aspiration Delay [s]:</b> <b>Dispense Speed:</b> <b>Dispense Delay [s]:</b> <b>Slow Liquid Exit Aspiration:</b> <b>Slow Liquid Exit Dispensation:</b>	8 0 8 0 No No
Source Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	A: Variable Yes A: 0.5 mm
Target Pipetting Height	<b>Heights:</b> <b>Tip Travel:</b> <b>Safety Bottom Offset:</b>	C: Fix Yes C: 2 mm
Tip Change	<b>Tip Change:</b>	After each dispense
Tip Touch	<b>Tip Touch:</b> <b>Type of Tip Touch:</b> <b>Tip Touch Distance:</b> <b>Tip Touch Height:</b>	Yes C: Liquid C: 3.7 mm C: 84 mm

52 Delay



**Description:**

Incubate 2 minutes.

**Settings**

Tab	Parameter	Set value
Delay	<b>Mode:</b>	Delay
	<b>Delay Time [s]:</b>	120
	<b>Skip Delay by RUN:</b>	Yes

53 Message



**Description:**

Turn on the vacuum.

**Settings**

Tab	Parameter	Set value
Message	<b>Mode:</b>	Play and confirm
	<b>Message Line 1:</b>	vacuum ON
	<b>Message Line 2:</b>	at 600 mm Hg
	<b>Message Line 3:</b>	30 seconds

54 Delay



**Description:**

30 seconds incubation.

**Settings**

Tab	Parameter	Set value
Delay	<b>Mode:</b>	Delay
	<b>Delay Time [s]:</b>	30
	<b>Skip Delay by RUN:</b>	Yes

55 Message



**Description:**

Turn off the vacuum.

**Settings**

Tab	Parameter	Set value
Message	<b>Mode:</b>	Play and confirm
	<b>Message Line 1:</b>	Turn off
	<b>Message Line 2:</b>	the
	<b>Message Line 3:</b>	vacuum



56 Message



**Description:**

Plasmid isolation finished.

**Settings**

Tab	Parameter	Set value
Message	<b>Mode:</b>	Play and confirm
	<b>Message Line 1:</b>	Plasmid
	<b>Message Line 2:</b>	isolation
	<b>Message Line 3:</b>	finished

## Run Protocol

Program Name Program Name (on pipette)	ZymoPURE_plasmid_isolation_above_3ml.iaa ZP96_3-5ml
Instrument - Serial Number ASSIST PLUS	
Pipette - Serial Number VIAFLO 1'250 µl 8CH	
Pipette Tips - Lot Number 1250 µl GRIPTIPS, Sterile, Filter	
Notes:	
Run Operator:	
Run Date:	
Run Start Time:	
Run End Time:	
Signature:	