Row_pools Report

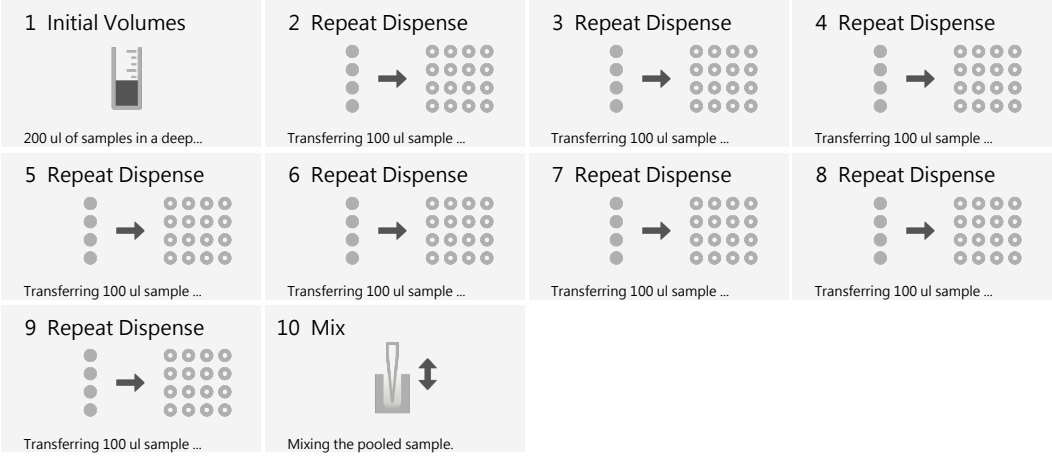
Program Name (on pipette)
Row pools

User Credentials

Name: eva.meszaros
Date: 10. May. 2021

Overview Method

VOYAGER - 1,250µl - 8CH



Total Time: 4 min 30 sec
Total Tip Consumption: 72

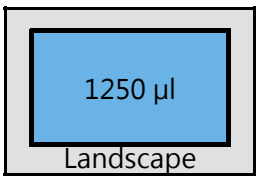
Description

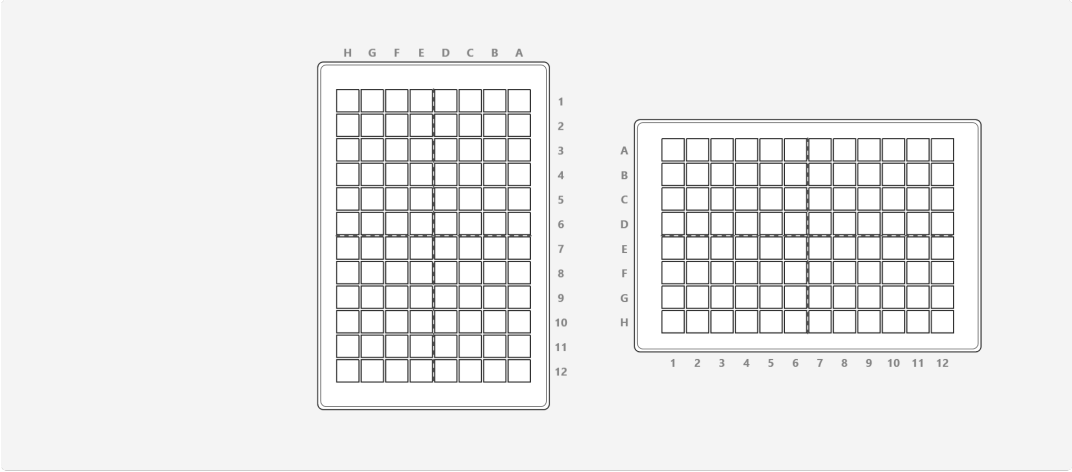
Row pools
_____

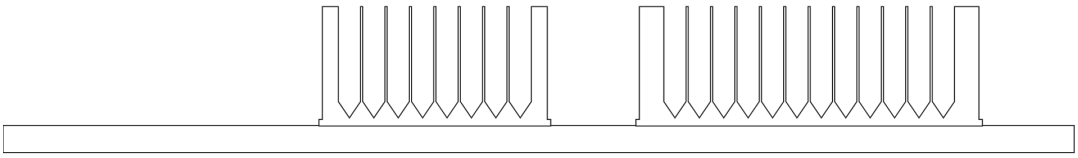
Material:
Pipette: VOYAGER 1250 ul - 8 CH
A: Empty
B: 96 Deep well V-bottom plate (with samples) in portrait orientation
C: 96 Deep well V-bottom plate (first row - pooled samples, rest - empty)
_____

Method:
01: 200 ul of samples
02: Transferring 100 ul sample from column H to the deep well plate
03: Transferring 100 ul sample from column G to the deep well plate
04: Transferring 100 ul sample from column F to the deep well plate
05: Transferring 100 ul sample from column E to the deep well plate
06: Transferring 100 ul sample from column D to the deep well plate
07: Transferring 100 ul sample from column C to the deep well plate
08: Transferring 100 ul sample from column B to the deep well plate
09: Transferring 100 ul sample from column A to the deep well plate
10: Mix - mixing the pooled samples

Deck Layout







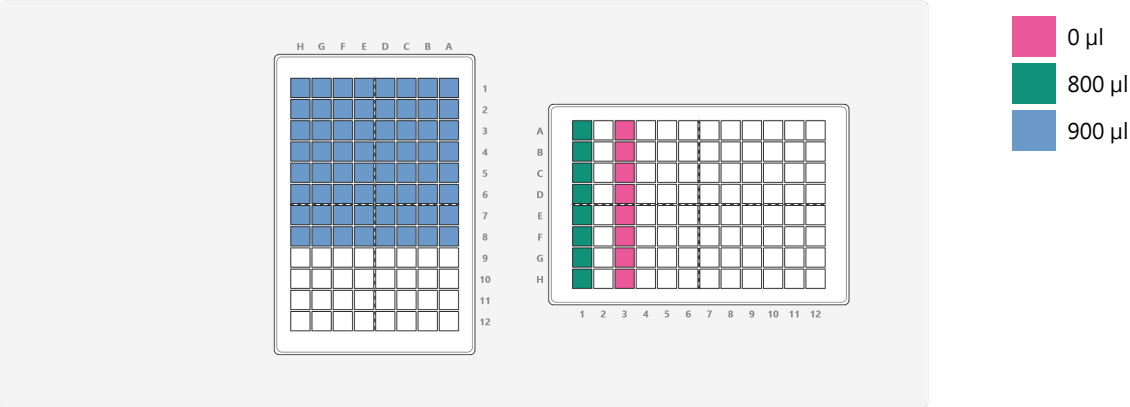
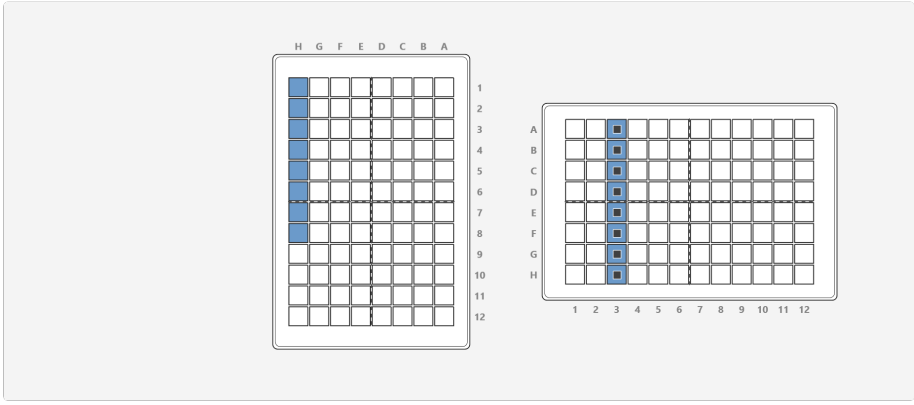
Pipette & Deck

Labware	Name	Manufacturer	Part Number
Pipette	VOYAGER 1,250µl 8 channels	INTEGRA	4724
Pipette Tip	1250 µl GripTip, Sterile, Filter	INTEGRA	6445
Deck	3 Position Universal Deck	INTEGRA	4520

Deck Labware

Deck Position	Labware	Name	Manufacturer	Part Number	Description
B	Plate	96 Deepwell V-bottom_V00 - 2420 µl	GREINER	780271, 780270, 780285, 780276, 780273, 780274, 780275	
C	Plate	96 Deepwell V-bottom_V00 - 2420 µl	GREINER	780271, 780270, 780285, 780276, 780273, 780274, 780275	
D	Waste				

Method

Step	Description
1 Initial Volum... **Description:** 200 ul of samples in a deep well plate - deck B 800 ul pooled sample in column 1 in a deep well plate - deck C	
2 Repeat Dispen... **Time:** 0 min 27 sec **Used Tips:** 8 **Description:** Transferring 100 ul sample from column H to the deep well plate	

Summary individual transfers

	Source			Target			
Step	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	L5-L12	5 mm	C	A3-H3	5 mm	100

Step	Description

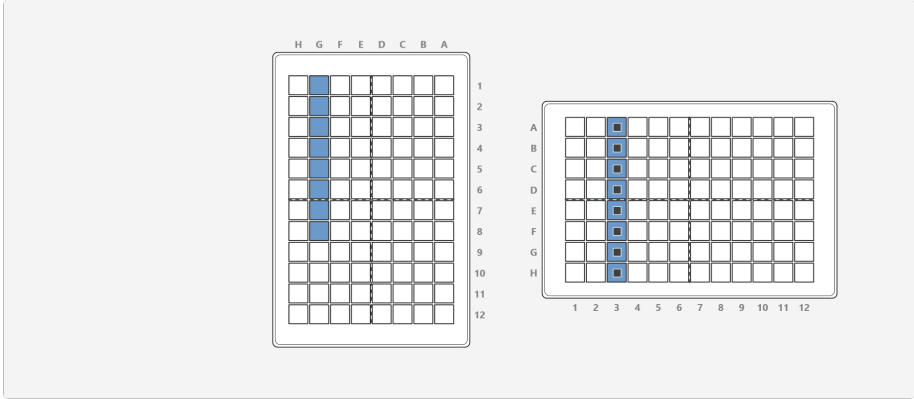
Pipetting settings

Tab	Parameter	Set value
Pipetting location	**Source:** Tip Spacing **Target:** Tip Spacing	**Source:** 9 mm **Target:** 9 mm
Volumes	Volume Pre-Dispense Post-Dispense Post-Dispense Location Reuse Post-Dispense Dispense Type	Fix 25 µl 25 µl Tip No Single
Pipetting Speeds	Aspiration Speed Aspiration Delay Dispense Speed Dispense Delay Aspirate	8 0 8 0 No
Pipetting Height	**Source:** Heights Tip Travel Safety Bottom Offset **Target:** Heights Tip Travel Safety Bottom Offset	**Source:** Fix No 2 mm **Target:** Fix No 2 mm
Tip Change	Tip Change	After each dispense
Mix	**Source:** Mixing **Target:** Mixing	**Source:** No **Target:** No
Tip Touch	Tip Touch	No

3 Repeat Dispen...

Time:
0 min 29 sec
Used Tips:
8

Description:
Transferring 100 ul sample from column G to the deep well plate



Summary individual transfers

Step	Description

	Source			Target			
Step	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	K5-K12	5 mm	C	A3-H3	5 mm	100

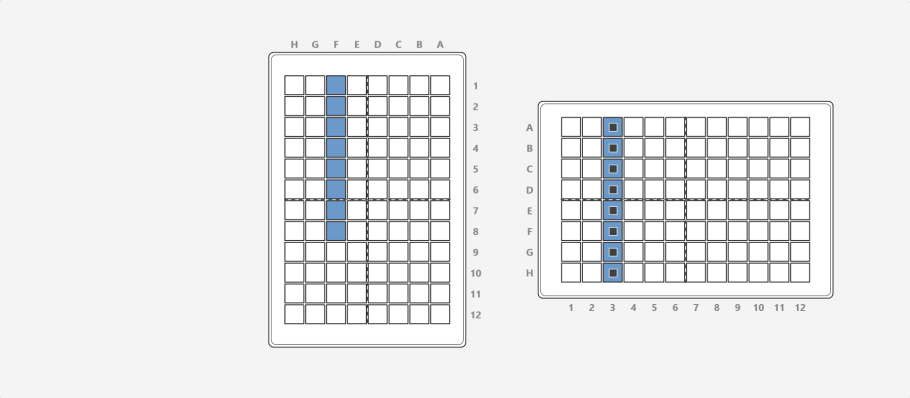
Pipetting settings

Tab	Parameter	Set value
Pipetting location	**Source:** Tip Spacing **Target:** Tip Spacing	**Source:** 9 mm **Target:** 9 mm
Volumes	Volume Pre-Dispense Post-Dispense Post-Dispense Location Reuse Post-Dispense Dispense Type	Fix 25 µl 25 µl Tip No Single
Pipetting Speeds	Aspiration Speed Aspiration Delay Dispense Speed Dispense Delay Aspirate	8 0 8 0 No
Pipetting Height	**Source:** Heights Tip Travel Safety Bottom Offset **Target:** Heights Tip Travel Safety Bottom Offset	**Source:** Fix No 2 mm **Target:** Fix No 2 mm
Tip Change	Tip Change	After each dispense
Mix	**Source:** Mixing **Target:** Mixing	**Source:** No **Target:** No
Tip Touch	Tip Touch	No

4 Repeat Dispen...

Time:
0 min 29 sec
Used Tips:
8

Step	Description
Description: Transferring 100 ul sample from column F to the deep well plate	



Summary individual transfers

	Source			Target			
Step	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	J5-J12	5 mm	C	A3-H3	5 mm	100

Pipetting settings

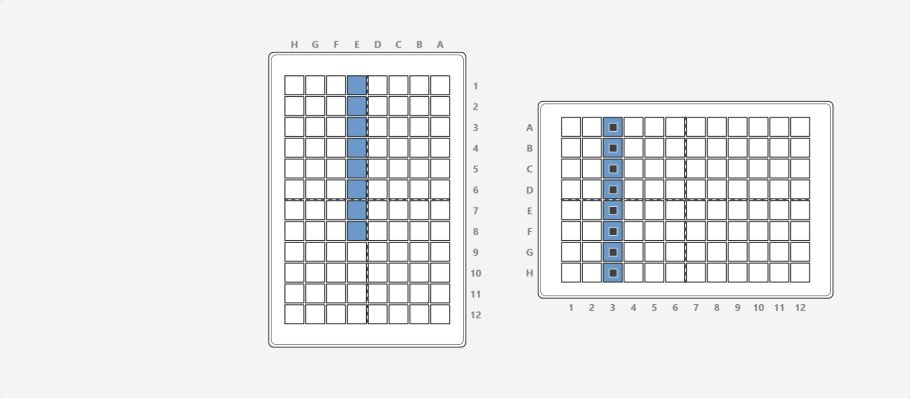
Tab	Parameter	Set value
Pipetting location	**Source:** Tip Spacing **Target:** Tip Spacing	**Source:** 9 mm **Target:** 9 mm
Volumes	Volume Pre-Dispense Post-Dispense Post-Dispense Location Reuse Post-Dispense Dispense Type	Fix 25 µl 25 µl Tip No Single
Pipetting Speeds	Aspiration Speed Aspiration Delay Dispense Speed Dispense Delay Aspirate	8 0 8 0 No
Pipetting Height	**Source:** Heights Tip Travel Safety Bottom Offset **Target:** Heights Tip Travel Safety Bottom Offset	**Source:** Fix No 2 mm **Target:** Fix No 2 mm
Tip Change	Tip Change	After each dispense
Mix	**Source:** Mixing **Target:** Mixing	**Source:** No **Target:** No

Step	Description		
	Tip Touch	Tip Touch	No

5 Repeat Dispen...

Time:
0 min 29 sec
Used Tips:
8

Description:
Transferring 100 ul sample from column E to the deep well plate



Summary individual transfers

	Source			Target			
Step	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	I5-I12	5 mm	C	A3-H3	5.3 mm	100

Pipetting settings

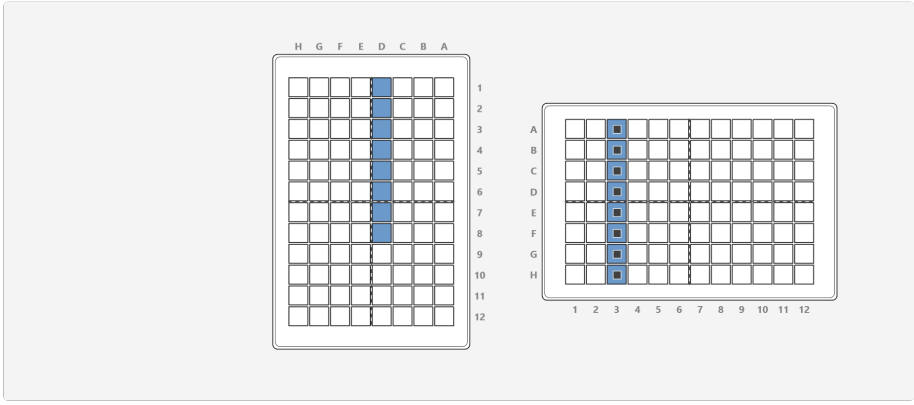
Tab	Parameter	Set value
Pipetting location	**Source:** Tip Spacing **Target:** Tip Spacing	**Source:** 9 mm **Target:** 9 mm
Volumes	Volume Pre-Dispense Post-Dispense Post-Dispense Location Reuse Post-Dispense Dispense Type	Fix 25 µl 25 µl Tip No Single
Pipetting Speeds	Aspiration Speed Aspiration Delay Dispense Speed Dispense Delay Aspirate	8 0 8 0 No
Pipetting Height	**Source:** Heights Tip Travel Safety Bottom Offset **Target:** Heights Tip Travel Safety Bottom Offset	**Source:** Fix No 2 mm **Target:** Fix No 2 mm
Tip Change	Tip Change	After each dispense

Step	Description		
	Mix	**Source:** Mixing **Target:** Mixing	**Source:** No **Target:** No
	Tip Touch	Tip Touch	No

6 Repeat Dispen...

Time:
0 min 29 sec
Used Tips:
8

Description:
Transferring 100 ul sample from column D to the deep well plate



Summary individual transfers

	Source			Target			
Step	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	H5-H12	5 mm	C	A3-H3	6.8 mm	100

Pipetting settings

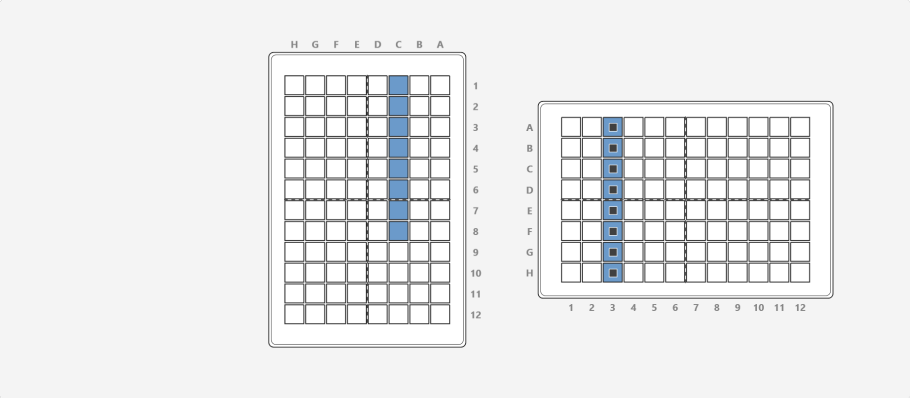
Tab	Parameter	Set value
Pipetting location	**Source:** Tip Spacing **Target:** Tip Spacing	**Source:** 9 mm **Target:** 9 mm
Volumes	Volume Pre-Dispense Post-Dispense Post-Dispense Location Reuse Post-Dispense Dispense Type	Fix 25 µl 25 µl Tip No Single
Pipetting Speeds	Aspiration Speed Aspiration Delay Dispense Speed Dispense Delay Aspirate	8 0 8 0 No

Step	Description		
	Pipetting Height	**Source:** Heights Tip Travel Safety Bottom Offset **Target:** Heights Tip Travel Safety Bottom Offset	**Source:** Fix No 2 mm **Target:** Fix No 2 mm
	Tip Change	Tip Change	After each dispense
	Mix	**Source:** Mixing **Target:** Mixing	**Source:** No **Target:** No
	Tip Touch	Tip Touch	No

7 Repeat Dispen...

Time:
0 min 29 sec
Used Tips:
8

Description:
Transferring 100 ul sample from column C to the deep well plate



Summary individual transfers

	Source			Target			
Step	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	G5-G12	5 mm	C	A3-H3	8.3 mm	100

Pipetting settings

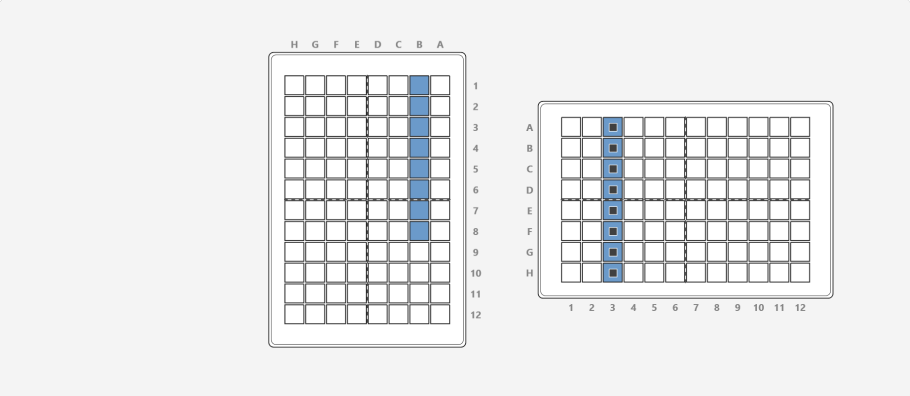
Tab	Parameter	Set value
Pipetting location	**Source:** Tip Spacing **Target:** Tip Spacing	**Source:** 9 mm **Target:** 9 mm
Volumes	Volume Pre-Dispense Post-Dispense Post-Dispense Location Reuse Post-Dispense Dispense Type	Fix 25 µl 25 µl Tip No Single

Step	Description		
	Pipetting Speeds	Aspiration Speed Aspiration Delay Dispense Speed Dispense Delay Aspirate	8 0 8 0 No
	Pipetting Height	**Source:** Heights Tip Travel Safety Bottom Offset **Target:** Heights Tip Travel Safety Bottom Offset	**Source:** Fix No 2 mm **Target:** Fix No 2 mm
	Tip Change	Tip Change	After each dispense
	Mix	**Source:** Mixing **Target:** Mixing	**Source:** No **Target:** No
	Tip Touch	Tip Touch	No

8 Repeat Dispen...

Time:
0 min 29 sec
Used Tips:
8

Description:
Transferring 100 ul sample from column B to the deep well plate



Summary individual transfers

	Source			Target			
Step	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	F5-F12	5 mm	C	A3-H3	9.8 mm	100

Pipetting settings

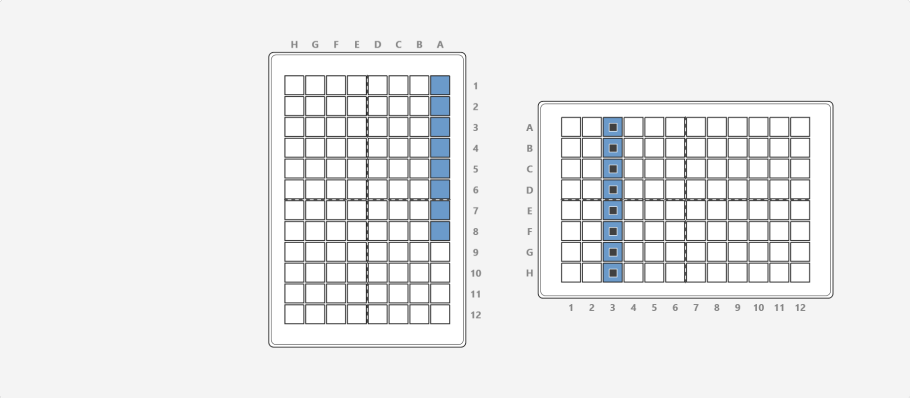
Tab	Parameter	Set value
Pipetting location	**Source:** Tip Spacing **Target:** Tip Spacing	**Source:** 9 mm **Target:** 9 mm

Step	Description		
	Volumes	Volume Pre-Dispense Post-Dispense Post-Dispense Location Reuse Post-Dispense Dispense Type	Fix 25 µl 25 µl Tip No Single
	Pipetting Speeds	Aspiration Speed Aspiration Delay Dispense Speed Dispense Delay Aspirate	8 0 8 0 No
	Pipetting Height	**Source:** Heights Tip Travel Safety Bottom Offset **Target:** Heights Tip Travel Safety Bottom Offset	**Source:** Fix No 2 mm **Target:** Fix No 2 mm
	Tip Change	Tip Change	After each dispense
	Mix	**Source:** Mixing **Target:** Mixing	**Source:** No **Target:** No
	Tip Touch	Tip Touch	No

9 Repeat Dispen...

Time:
0 min 28 sec
Used Tips:
8

Description:
Transferring 100 ul sample from column A to the deep well plate



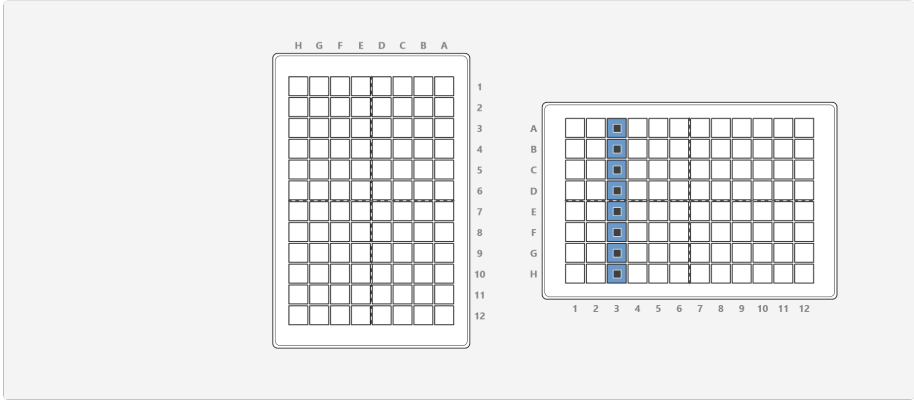
Summary individual transfers

	Source			Target			
Step	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	B	E5-E12	5 mm	C	A3-H3	11.3 mm	100

Pipetting settings

Step	Description

Tab	Parameter	Set value
Pipetting location	**Source:** Tip Spacing **Target:** Tip Spacing	**Source:** 9 mm **Target:** 9 mm
Volumes	Volume Pre-Dispense Post-Dispense Post-Dispense Location Reuse Post-Dispense Dispense Type	Fix 25 µl 25 µl Tip No Single
Pipetting Speeds	Aspiration Speed Aspiration Delay Dispense Speed Dispense Delay Aspirate	8 0 8 0 No
Pipetting Height	**Source:** Heights Tip Travel Safety Bottom Offset **Target:** Heights Tip Travel Safety Bottom Offset	**Source:** Fix No 2 mm **Target:** Fix No 2 mm
Tip Change	Tip Change	After each dispense
Mix	**Source:** Mixing **Target:** Mixing	**Source:** No **Target:** No
Tip Touch	Tip Touch	No

Step	Description
10 Mix **Time:** 0 min 33 sec **Used Tips:** 8 **Description:** Mixing the pooled sample.	 Summary individual transfers Target Step: 1 Deck Position: C Well Positions: A3-H3 Start Height [mm]: 5 mm Volume [µl]: 800 Pipetting settings **Tab:** Pipetting location **Parameter:** **Source:** / **Target:** Tip Spacing **Set value:** **Source:** / **Target:** 9 mm **Tab:** Tip Change **Parameter:** Tip Change **Set value:** After step complete **Tab:** Mix **Parameter:** **Source:** Mixing / **Target:** Mixing, Mix Volume, Mix Cycles, Mix Speed, Tip Travel, Start Height **Set value:** **Source:** No / **Target:** Yes, 800 µl, 5, 8, No, 5 mm **Tab:** Tip Touch **Parameter:** Tip Touch **Set value:** No

Run Protocol

Program Name Program Name (on pipette)	Row_pools.iaa Row pools
Instrument - Serial Number ASSIST PLUS	
Pipette - Serial Number VOYAGER - 1,250µl - 8CH	
Pipette Tips - Lot Number 1250 µl GripTip, Sterile, Filter	
Notes:	
Run Operator:	
Run Date:	
Run Start Time:	
Run End Time:	
Signature:	