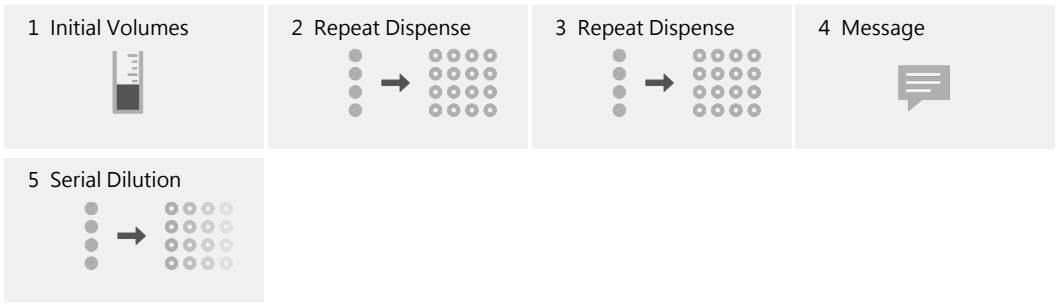
DLS _8_Samples_Top_v1 Report

INTEGRA VIALAB

Program Name	DLS _8_Samples_Top_v1.iaa
Program Name (on pipette)	DLS-8_16FEB_10
Last Saved Date:	16. Feb 2024
Last Save Operator:	NDziuba
Instrument - Serial Number	0020050843
Pipette - Serial Number	0007018881
Tip Type (PN 6565) Lot Nr.:	
Run Operator:	NDziuba
Run Date:	16.Feb.2024
Run Start Time:	13:50
Run End Time:	14:07
Notes:	13:50:27 : Run started 13:50:30 : Repeat Dispense (Step 02) 13:52:20 : Repeat Dispense (Step 03) 13:54:26 : Wait for user input. Ready to continue protocol 13:54:28 : Message (Step 04) 13:59:14 : Run continued 13:59:15 : Serial Dilution (Step 05) 14:07:51 : Run finished
Signature:	

Overview Method

VOYAGER - 50µl - 8CH



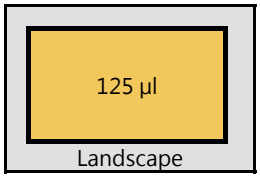
Total Time: 8 min 36 sec

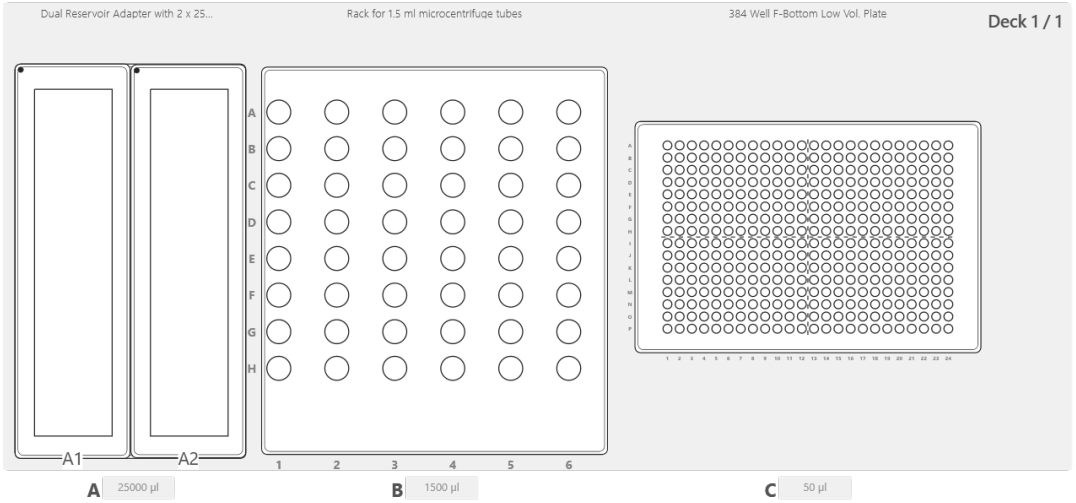
Total Tip Consumption: 24

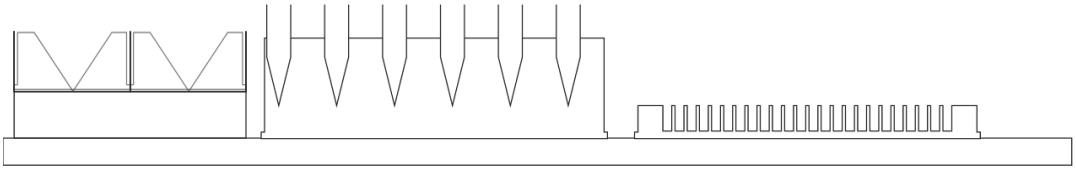
Description

DLS:
Prep for 8 samples in the top of a 384 well plate.

Deck Layout







Pipette & Deck

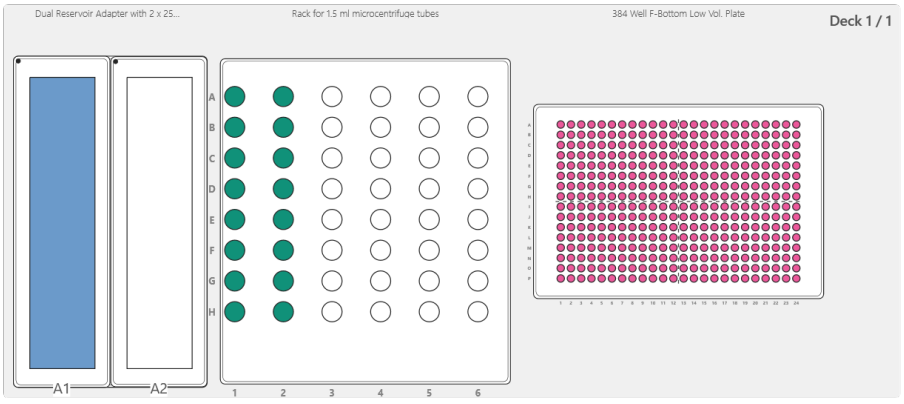
Labware	Name	Manufacturer	Part Number
Pipette	VOYAGER 50 µl 8 channels	INTEGRA	4726
Pipette Tip	50/125 µl GripTip, Sterile, Filter, Low retention	INTEGRA	6565
Deck	3 Position Universal Deck	INTEGRA	4520

Deck Labware

Deck Position	Labware	Name	Manufacturer	Part Number	Description
A	COMBI System	Dual Reservoir Adapter with 2 x 25 ml Reservoirs	INTEGRA	4547	Dual Reservoir Adapter (PN 4547) with 2 x 25 ml Multichannel Reagent Reservoirs
	A1	25 ml Multichannel Reagent Reservoir (Insert)	INTEGRA	4310, 4311, 4312, 4315, 4316, 4317, 4380, 4381, 4382	Polystyrene or Polypropylene use with Dual Reservoir Adapter (PN 4547) only
	A2	25 ml Multichannel Reagent Reservoir (Insert)	INTEGRA	4310, 4311, 4312, 4315, 4316, 4317, 4380, 4381, 4382	Polystyrene or Polypropylene use with Dual Reservoir Adapter (PN 4547) only
B	Tube Rack	Rack for 1.5 ml microcentrifuge tubes - 1500 µl	INTEGRA	4540	6x8 1.5 ml microcentrifuge tubes
C	Plate	384 Well F-Bottom Low Vol. Plate - 50 µl	CORNING	3820, 3821, 3822, 3824, 3825, 3826, 3540, 3542, 4518, 4681, 4581, 4583, 4585, 4587	
D	Waste				

Method

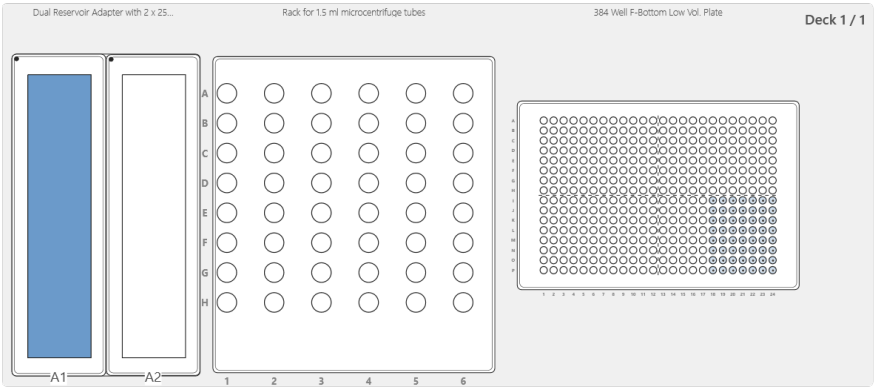
1 Initial Volumes



200 µl
0 µl
25000 µl

2 Repeat Dispense

Time:
2 min 19 sec
Used Tips:
8



Summary individual transfers

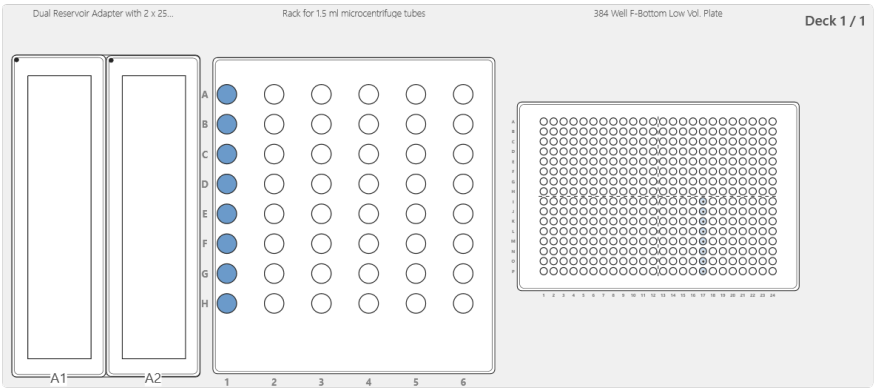
	Source			Target			
Step	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	A	1	19.3 mm	C	I18-P18	4.1 mm	22
2	A	1	19.3 mm	C	I19-P19	4.1 mm	22
3	A	1	19.3 mm	C	I20-P20	4.1 mm	22
4	A	1	19.3 mm	C	I21-P21	4.1 mm	22
5	A	1	19.3 mm	C	I22-P22	4.1 mm	22
6	A	1	19.3 mm	C	I23-P23	4.1 mm	22
7	A	1	19.3 mm	C	I24-P24	4.1 mm	22

Pipetting settings

Tab	Parameter	Set value
Volumes	Volume Pre-Dispense Post-Dispense Post-Dispense Location Reuse Post-Dispense Dispense Type	Fix 5 µl 5 µl Source No Single
Pipetting Speeds	Aspiration Speed Aspiration Delay Dispense Speed Dispense Delay Exit Liquid Slowly Aspirate Dispense	7 0 7 0 No No
Pipetting Height	**Source:** Heights Tip Travel Safety Bottom Offset **Target:** Heights Tip Travel Safety Bottom Offset	**Source:** A1: Fix No A1: 2 mm **Target:** C: Fix No C: 1 mm
Tip Change	Tip Change	After step complete
Tip Touch	Tip Touch Type of Tip Touch Tip Touch Distance Tip Touch Height	Yes C: Side C: 1.2 mm C: 10.2 mm

3 Repeat Dispense

Time:
1 min 22 sec
Used Tips:
8



Summary individual transfers

	Source			Target			
Step	**Deck Position**	**Well Positions**	**Start Height [mm]**	**Deck Position**	**Well Positions**	**Start Height [mm]**	**Volume [µl]**
1	B	A1-H1	14.2 mm	C	I17-P17	4.1 mm	44

Pipetting settings

Tab	Parameter	Set value
Volumes	Volume Pre-Dispense Post-Dispense Post-Dispense Location Reuse Post-Dispense Dispense Type	Fix 2 µl 2 µl Source No Single
Pipetting Speeds	Aspiration Speed Aspiration Delay Dispense Speed Dispense Delay Exit Liquid Slowly Aspirate Dispense	7 2 7 1 Yes Yes
Pipetting Height	**Source:** Heights Tip Travel Safety Bottom Offset **Target:** Heights Tip Travel Safety Bottom Offset	**Source:** B: Fix No B: 2 mm **Target:** C: Fix No C: 1 mm
Tip Change	Tip Change	After step complete
Tip Touch	Tip Touch Type of Tip Touch Tip Touch Distance Tip Touch Height	Yes C: Side C: 1.2 mm C: 10.2 mm

Mix Summary

Mix Source

	Source			
Step	Deck Position	Well Positions	Pipetting Height	Volume [µl]
1	B	A1-H1	14.2 mm	45

Tab	Parameter	Set value
Mix	**Source:** Mixing Mix Cycles Mix Speed Mix Pause Tip Travel **Target:** Mixing	**Source:** Yes 6 5 1 s No **Target:** No

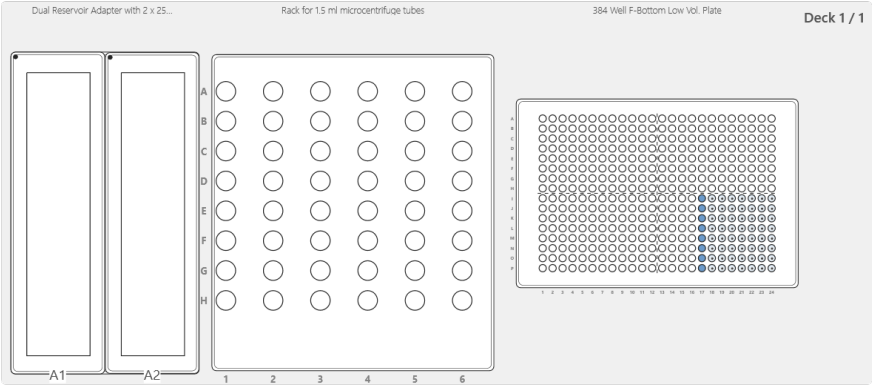
4 Message

Pipetting settings

Tab	Parameter	Set value
Message	Message Line 1 Message Line 2 Message Line 3	Centrifuge 1000g 5 min

5 Serial Dilution

Time:
4 min 49 sec
Used Tips:
8



Summary individual transfers

	Source			Target			
Step	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	Volume [µl]
1	C	I17-P17	4.8 mm	C	I18-P18	4.8 mm	22
2				C	I19-P19	4.8 mm	22
3				C	I20-P20	4.8 mm	22
4				C	I21-P21	4.8 mm	22
5				C	I22-P22	4.8 mm	22
6				C	I23-P23	4.8 mm	22
7				C	I24-P24	4.8 mm	22

Pipetting settings

Tab	Parameter	Set value
Volumes	Last Aspiration	Tip
Pipetting Speeds	Aspiration Speed Aspiration Delay Dispense Speed Dispense Delay Exit Liquid Slowly Aspirate Dispense	6 2 6 1 Yes Yes
Pipetting Height	**Source:** Heights Tip Travel Safety Bottom Offset **Target:** Heights Tip Travel Safety Bottom Offset	**Source:** C: Fix No C: 2 mm **Target:** C: Fix No C: 1 mm
Tip Change	Tip Change	After step complete
Tip Touch	Tip Touch	No

Mix Summary

Mix Target

	Target			
Step	Deck Position	Well Positions	Pipetting Height	Volume [µl]
1	C	-	4.1 mm	15
2	C	-	4.1 mm	15
3	C	-	4.1 mm	15
4	C	-	4.1 mm	15
5	C	-	4.1 mm	15
6	C	-	4.1 mm	15
7	C	-	4.1 mm	15

Tab	Parameter	Set value
Mix	**Source:** Mixing **Target:** Mixing Mix Cycles Mix Speed Mix Pause Tip Travel	**Source:** No **Target:** Yes 10 6 2 s No