

MIC_Assay Report

Program Name (on pipette)

MIC assay

User Credentials

Name: eva.meszaros

Date: 27. Apr. 2021

Overview Method



VOYAGER -
125µl - 8CH

1 Initial Volumes



8 ml growth medium, 120 ul ...

2 Repeat Dispense



addition of 50 ul growth me...

3 Transfer



addition of 100 ul growth m...

4 Transfer



addition of 100 ul antimicr...

5 Serial Dilution



twofold serial dilution of ...

6 Repeat Dispense



addition of 50 ul of bacter...

7 Message



Incubation and plate-reading

Total Time: 13 min 37 sec

Total Tip Consumption: 112

Description

MIC assay

Material:

Pipette: VOYAGER - 125 ul - 8 CH

A: 10 ml multichannel reservoir

B: Slider adapter with slider 0.5 ml microcentrifuge tube (self standing, skirted) and slider 1.5 ml microcentrifuge tube

C: 96 well F-bottom

Method:

01: 8 ml growth media, 120 ul antimicrobial compounds, 650 ul bacteria

02: addition of 50 ul growth medium to column 2-11

03: addition of 100 ul growth medium to column 12

04: addition of 100 ul antimicrobial compound to column 1

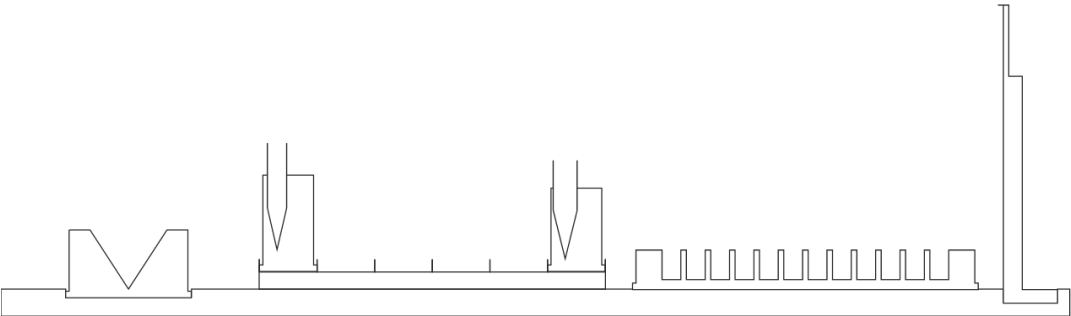
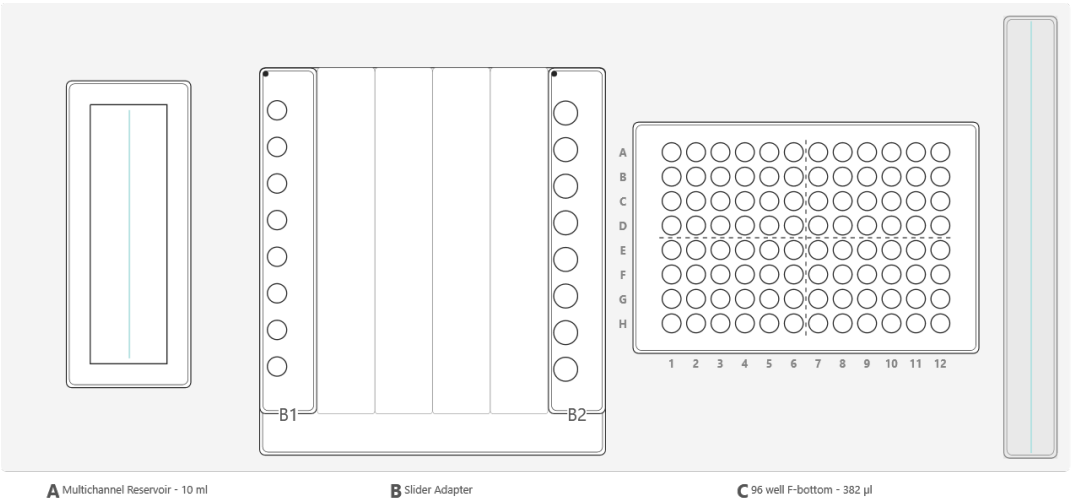
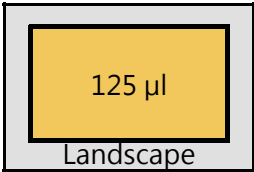
05: twofold serial dilution of the antimicrobial compound

06: addition of 50 ul bacteria to column 1-11

07: mix well all the wells

08: incubation and plate reading

Deck Layout




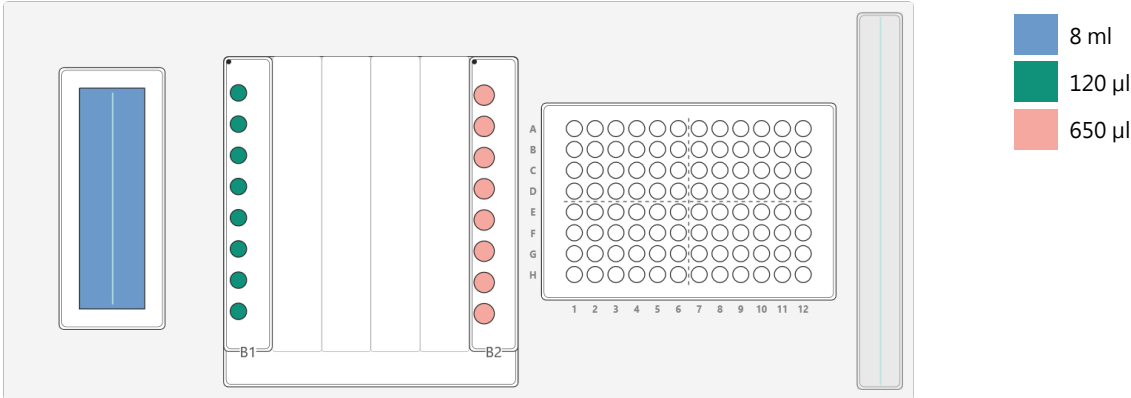

Pipette & Deck

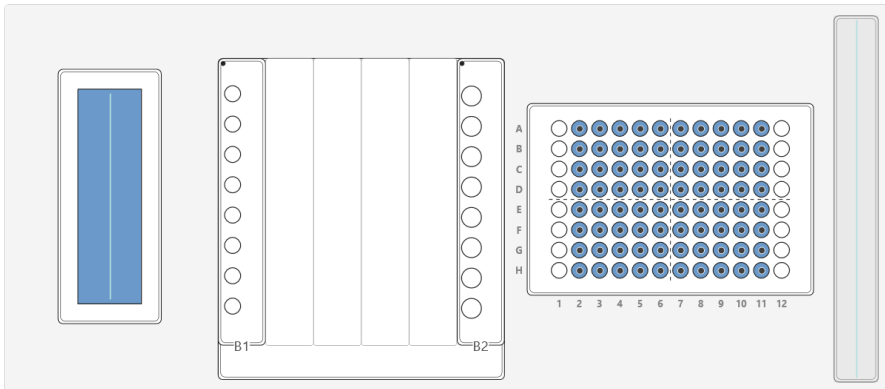
Labware	Name	Manufacturer	Part Number
Pipette	VOYAGER 125µl 8 channels	INTEGRA	4722
Pipette Tip	50/125 µl GripTip, Sterile, Filter	INTEGRA	6465
Deck	3 Position Universal Deck	INTEGRA	4520

Deck Labware


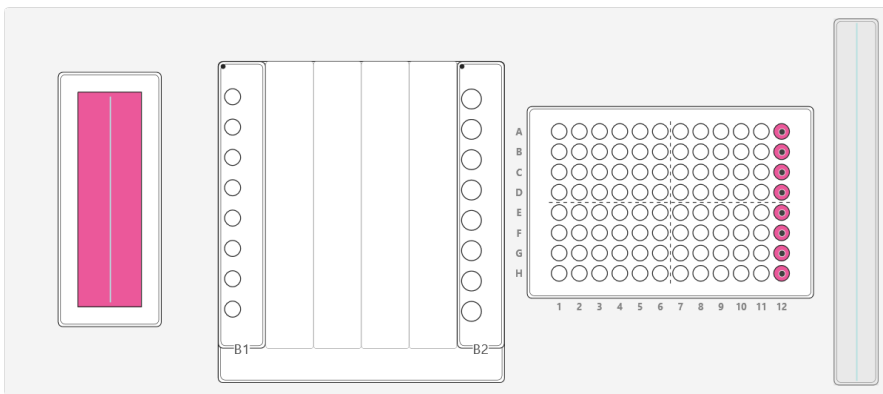
Deck Position	Labware	Name	Manufacturer	Part Number	Description
A	Reservoir	Multichannel Reservoir - 10 ml	INTEGRA	4330, 4331, 4332, 4335, 4336, 4337, 4370, 4371, 4372	Polystyrene or Polypropylene
B	COMBI System	Slider Adapter			Adapter for up to 6 sliders (Base from PN 4540 and PN 4541)
	B1	Slider 0.5 ml microcentrifuge tubes (Skirted)	INTEGRA		Slider for 0.5 ml microcentrifuge tubes (Skirted) (see PN 4540) e.g. STARLAB PN E1405-2130
	B2	Slider 1.5 ml microcentrifuge tubes	INTEGRA		Slider for 1.5 ml microcentrifuge tubes (see PN 4540)
C	Plate	96 well F-bottom - 382 µl	GREINER	655161, 655101, 655001, 655061	
D	Waste				


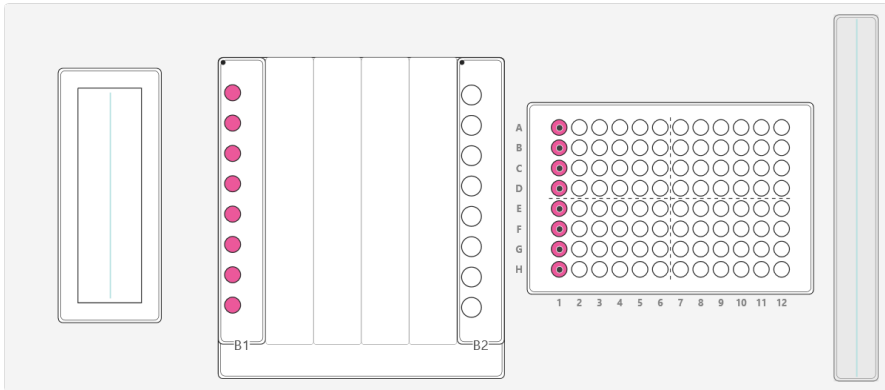
Method

Step	Description
<p>1 Initial Volum...</p>  <p>Description: 8 ml growth medium, 120 µl of 8 different types of antibiotics, 650 µl bacteria</p>	
<p>2 Repeat Dispen...</p>  <p>Time: 2 min 33 sec Used Tips: 8</p> <p>Description: addition of 50 µl growth medium to column 2-11</p>	

Step	Description																																																																																																																
	<div></div> <p>Summary individual transfers</p> <table><tr><th rowspan="2">Step</th><th colspan="3">Source</th><th colspan="3">Target</th><th rowspan="2">Volume [µl]</th></tr><tr><th>Deck Position</th><th>Well Positions</th><th>Start Height [mm]</th><th>Deck Position</th><th>Well Positions</th><th>Start Height [mm]</th></tr><tr><td>1</td><td>A</td><td>-</td><td>1.2 mm</td><td>C</td><td>A2-H2</td><td>4.7 mm</td><td>50</td></tr><tr><td>2</td><td>A</td><td>-</td><td>1.2 mm</td><td>C</td><td>A3-H3</td><td>4.7 mm</td><td>50</td></tr><tr><td>3</td><td>A</td><td>-</td><td>1.2 mm</td><td>C</td><td>A4-H4</td><td>4.7 mm</td><td>50</td></tr><tr><td>4</td><td>A</td><td>-</td><td>1.2 mm</td><td>C</td><td>A5-H5</td><td>4.7 mm</td><td>50</td></tr><tr><td>5</td><td>A</td><td>-</td><td>1.2 mm</td><td>C</td><td>A6-H6</td><td>4.7 mm</td><td>50</td></tr><tr><td>6</td><td>A</td><td>-</td><td>1.2 mm</td><td>C</td><td>A7-H7</td><td>4.7 mm</td><td>50</td></tr><tr><td>7</td><td>A</td><td>-</td><td>1.2 mm</td><td>C</td><td>A8-H8</td><td>4.7 mm</td><td>50</td></tr><tr><td>8</td><td>A</td><td>-</td><td>1.2 mm</td><td>C</td><td>A9-H9</td><td>4.7 mm</td><td>50</td></tr><tr><td>9</td><td>A</td><td>-</td><td>1.2 mm</td><td>C</td><td>A10-H10</td><td>4.7 mm</td><td>50</td></tr><tr><td>10</td><td>A</td><td>-</td><td>1.2 mm</td><td>C</td><td>A11-H11</td><td>4.7 mm</td><td>50</td></tr></table> <p>Pipetting settings</p> <table><tr><th>Tab</th><th>Parameter</th><th>Set value</th></tr><tr><td>Pipetting location</td><td>Source: Tip Spacing Target: Tip Spacing</td><td>Source: 4.5 mm Target: 9 mm</td></tr><tr><td>Volumes</td><td>Volume Post-Dispense Post-Dispense Location Reuse Post-Dispense Dispense Type</td><td>Fix 5 µl Source No Single</td></tr><tr><td>Pipetting Speeds</td><td>Aspiration Speed Aspiration Delay Dispense Speed Dispense Delay Aspirate</td><td>8 0 8 0 No</td></tr><tr><td>Pipetting Height</td><td>Source: Heights Tip Travel Safety Bottom Offset Target: Heights Tip Travel Safety Bottom Offset</td><td>Source: Fix No 1 mm Target: Fix No 1 mm</td></tr><tr><td>Tip Change</td><td>Tip Change</td><td>After step complete</td></tr></table>	Step	Source			Target			Volume [µl]	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	1	A	-	1.2 mm	C	A2-H2	4.7 mm	50	2	A	-	1.2 mm	C	A3-H3	4.7 mm	50	3	A	-	1.2 mm	C	A4-H4	4.7 mm	50	4	A	-	1.2 mm	C	A5-H5	4.7 mm	50	5	A	-	1.2 mm	C	A6-H6	4.7 mm	50	6	A	-	1.2 mm	C	A7-H7	4.7 mm	50	7	A	-	1.2 mm	C	A8-H8	4.7 mm	50	8	A	-	1.2 mm	C	A9-H9	4.7 mm	50	9	A	-	1.2 mm	C	A10-H10	4.7 mm	50	10	A	-	1.2 mm	C	A11-H11	4.7 mm	50	Tab	Parameter	Set value	Pipetting location	Source: Tip Spacing Target: Tip Spacing	Source: 4.5 mm Target: 9 mm	Volumes	Volume Post-Dispense Post-Dispense Location Reuse Post-Dispense Dispense Type	Fix 5 µl Source 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 1 mm Target: Fix No 1 mm	Tip Change	Tip Change	After step complete
Step	Source			Target			Volume [µl]																																																																																																										
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]																																																																																																											
1	A	-	1.2 mm	C	A2-H2	4.7 mm	50																																																																																																										
2	A	-	1.2 mm	C	A3-H3	4.7 mm	50																																																																																																										
3	A	-	1.2 mm	C	A4-H4	4.7 mm	50																																																																																																										
4	A	-	1.2 mm	C	A5-H5	4.7 mm	50																																																																																																										
5	A	-	1.2 mm	C	A6-H6	4.7 mm	50																																																																																																										
6	A	-	1.2 mm	C	A7-H7	4.7 mm	50																																																																																																										
7	A	-	1.2 mm	C	A8-H8	4.7 mm	50																																																																																																										
8	A	-	1.2 mm	C	A9-H9	4.7 mm	50																																																																																																										
9	A	-	1.2 mm	C	A10-H10	4.7 mm	50																																																																																																										
10	A	-	1.2 mm	C	A11-H11	4.7 mm	50																																																																																																										
Tab	Parameter	Set value																																																																																																															
Pipetting location	Source: Tip Spacing Target: Tip Spacing	Source: 4.5 mm Target: 9 mm																																																																																																															
Volumes	Volume Post-Dispense Post-Dispense Location Reuse Post-Dispense Dispense Type	Fix 5 µl Source 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 1 mm Target: Fix No 1 mm																																																																																																															
Tip Change	Tip Change	After step complete																																																																																																															

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

Step	Description																																																
3 Transfer  Time: 0 min 28 sec Used Tips: 8 Description: addition of 100 ul growth medium to column 12	<div></div> <div>Summary individual transfers</div> <table><tr><th></th><th colspan="3">Source</th><th colspan="3">Target</th><th></th></tr><tr><th>Step</th><th>Deck Position</th><th>Well Positions</th><th>Start Height [mm]</th><th>Deck Position</th><th>Well Positions</th><th>Start Height [mm]</th><th>Volume [µl]</th></tr><tr><td>1</td><td>A</td><td>-</td><td>2.2 mm</td><td>C</td><td>A12-H12</td><td>4.7 mm</td><td>100</td></tr></table> <div>Pipetting settings</div> <table><tr><th>Tab</th><th>Parameter</th><th>Set value</th></tr><tr><td>Pipetting location</td><td>Source: Tip Spacing Target: Tip Spacing</td><td>Source: 4.5 mm Target: 9 mm</td></tr><tr><td>Volumes</td><td>Volume</td><td>Fix</td></tr><tr><td>Pipetting Speeds</td><td>Aspiration Speed Aspiration Delay Dispense Speed Dispense Delay Aspirate</td><td>8 0 8 0 No</td></tr><tr><td>Pipetting Height</td><td>Source: Heights Tip Travel Safety Bottom Offset Target: Heights Tip Travel Safety Bottom Offset</td><td>Source: Fix No 2 mm Target: Fix No 1 mm</td></tr><tr><td>Tip Change</td><td>Tip Change</td><td>After each transfer</td></tr><tr><td>Mix</td><td>Source: Mixing Target: Mixing</td><td>Source: No Target: No</td></tr><tr><td>Tip Touch</td><td>Tip Touch</td><td>No</td></tr></table>		Source			Target				Step	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	Volume [µl]	1	A	-	2.2 mm	C	A12-H12	4.7 mm	100	Tab	Parameter	Set value	Pipetting location	Source: Tip Spacing Target: Tip Spacing	Source: 4.5 mm Target: 9 mm	Volumes	Volume	Fix	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 1 mm	Tip Change	Tip Change	After each transfer	Mix	Source: Mixing Target: Mixing	Source: No Target: No	Tip Touch	Tip Touch	No
	Source			Target																																													
Step	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	Volume [µl]																																										
1	A	-	2.2 mm	C	A12-H12	4.7 mm	100																																										
Tab	Parameter	Set value																																															
Pipetting location	Source: Tip Spacing Target: Tip Spacing	Source: 4.5 mm Target: 9 mm																																															
Volumes	Volume	Fix																																															
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 1 mm																																															
Tip Change	Tip Change	After each transfer																																															
Mix	Source: Mixing Target: Mixing	Source: No Target: No																																															
Tip Touch	Tip Touch	No																																															

Step	Description																																																
<div>4 Transfer</div> <div></div> <div>Time: 0 min 20 sec</div> <div>Used Tips: 8</div> <div>Description: addition of 100 ul antimicrobial compounds to column 1</div>	<div></div> <div>Summary individual transfers</div> <table><tr><th></th><th colspan="3">Source</th><th colspan="3">Target</th><th></th></tr><tr><th>Step</th><th>Deck Position</th><th>Well Positions</th><th>Start Height [mm]</th><th>Deck Position</th><th>Well Positions</th><th>Start Height [mm]</th><th>Volume [µl]</th></tr><tr><td>1</td><td>B</td><td>1 1-8</td><td>16.6 mm</td><td>C</td><td>A1-H1</td><td>4.7 mm</td><td>100</td></tr></table> <div>Pipetting settings</div> <table><tr><th>Tab</th><th>Parameter</th><th>Set value</th></tr><tr><td>Pipetting location</td><td>Source: Tip Spacing Target: Tip Spacing</td><td>Source: B1: 13.5 mm Target: 9 mm</td></tr><tr><td>Volumes</td><td>Volume</td><td>Fix</td></tr><tr><td>Pipetting Speeds</td><td>Aspiration Speed Aspiration Delay Dispense Speed Dispense Delay Aspirate</td><td>8 0 8 0 No</td></tr><tr><td>Pipetting Height</td><td>Source: Heights Tip Travel Safety Bottom Offset Target: Heights Tip Travel Safety Bottom Offset</td><td>Source: B1: Fix No B1: 2 mm Target: Fix No 1 mm</td></tr><tr><td>Tip Change</td><td>Tip Change</td><td>Continue to next step without change</td></tr><tr><td>Mix</td><td>Source: Mixing Target: Mixing</td><td>Source: No Target: No</td></tr><tr><td>Tip Touch</td><td>Tip Touch</td><td>No</td></tr></table>		Source			Target				Step	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	Volume [µl]	1	B	1 1-8	16.6 mm	C	A1-H1	4.7 mm	100	Tab	Parameter	Set value	Pipetting location	Source: Tip Spacing Target: Tip Spacing	Source: B1: 13.5 mm Target: 9 mm	Volumes	Volume	Fix	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: B1: Fix No B1: 2 mm Target: Fix No 1 mm	Tip Change	Tip Change	Continue to next step without change	Mix	Source: Mixing Target: Mixing	Source: No Target: No	Tip Touch	Tip Touch	No
	Source			Target																																													
Step	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	Volume [µl]																																										
1	B	1 1-8	16.6 mm	C	A1-H1	4.7 mm	100																																										
Tab	Parameter	Set value																																															
Pipetting location	Source: Tip Spacing Target: Tip Spacing	Source: B1: 13.5 mm Target: 9 mm																																															
Volumes	Volume	Fix																																															
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: B1: Fix No B1: 2 mm Target: Fix No 1 mm																																															
Tip Change	Tip Change	Continue to next step without change																																															
Mix	Source: Mixing Target: Mixing	Source: No Target: No																																															
Tip Touch	Tip Touch	No																																															


Step	Description
5 Serial Diluti...	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div></div><div></div><div></div><div></div></div><div></div><div></div><div></div><div></div><div></div></div><div></div><div></div><div></div><div></div><div></div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <

Step	Description		
	Mix	Source: Mixing Mix Volume Mix Cycles Mix Speed Tip Travel Start Height Target: Mixing Mix Volume Mix Cycles Mix Speed Tip Travel Start Height	Source: Yes 100 µl 3 8 No 4.7 mm Target: Yes 100 µl 3 8 No 4.7 mm
	Tip Touch	Tip Touch	No

6 Repeat Dispen...

→

</

Step	Description		
	Volumes	Volume Dispense Type	Fix 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: B2: Fix No B2: 2 mm Target: Fix No 1 mm
	Tip Change	Tip Change	After each dispense
	Mix	Source: Mixing Mix Volume Mix Cycles Mix Speed Tip Travel Start Height Target: Mixing Mix Volume Mix Cycles Mix Speed Tip Travel Start Height	Source: Yes B2: 125 µl 3 8 No B2: 13.2 mm Target: Yes 80 µl 3 8 No 4.7 mm
	Tip Touch	Tip Touch	No
7 Message 	Pipetting settings		
Description: Incubation and plate-reading	Tab	Parameter	Set value
	Message	Message Line 1 Message Line 2 Message Line 3	Incubation and plate reading

Run Protocol

Program Name Program Name (on pipette)	MIC_Assay.iaa MIC assay
Instrument - Serial Number ASSIST PLUS	
Pipette - Serial Number VOYAGER - 125µl - 8CH	
Pipette Tips - Lot Number 50/125 µl GripTip, Sterile, Filter	
Notes:	
Run Operator:	
Run Date:	
Run Start Time:	
Run End Time:	
Signature:	