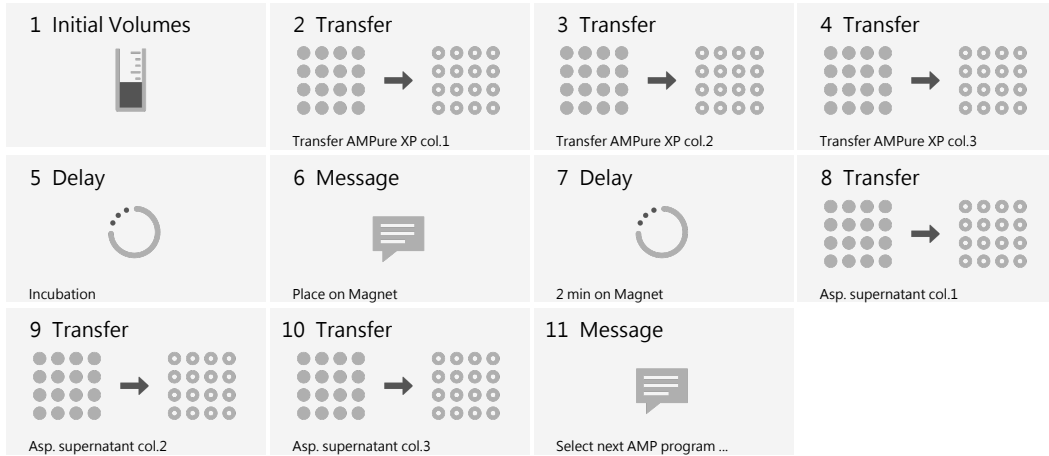


Program Name (on pipette)
AMP_BINDING

User Credentials

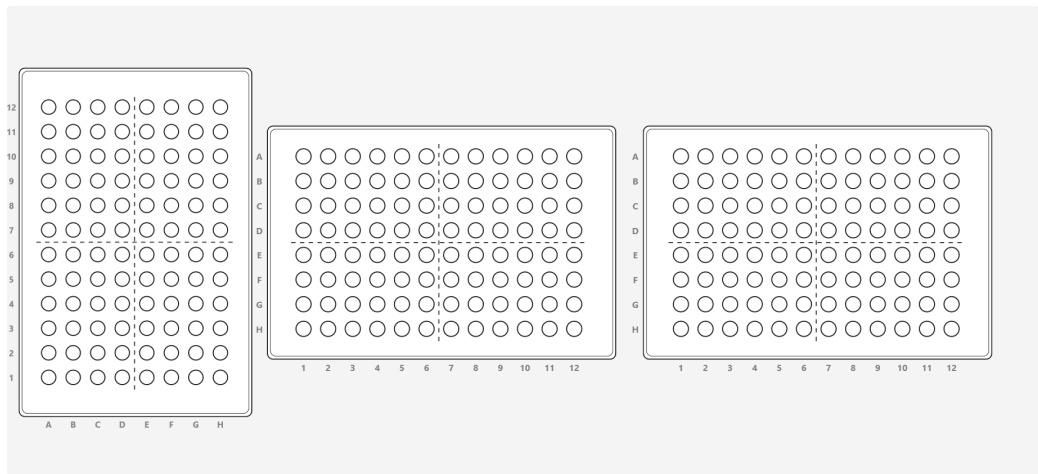
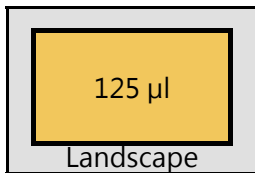
Name: Isa
Date: 11. Oct. 2019

Overview Method



VOYAGER -
125µl - 8CH

Deck Layout



A 96 well PCR -Strips_3741-Cooling-plat...

B 96 well PCR Sapphire - 200 µl

C 96 well PCR Sapphire on 96 well Magnet_ALPAQUA - 200 µl


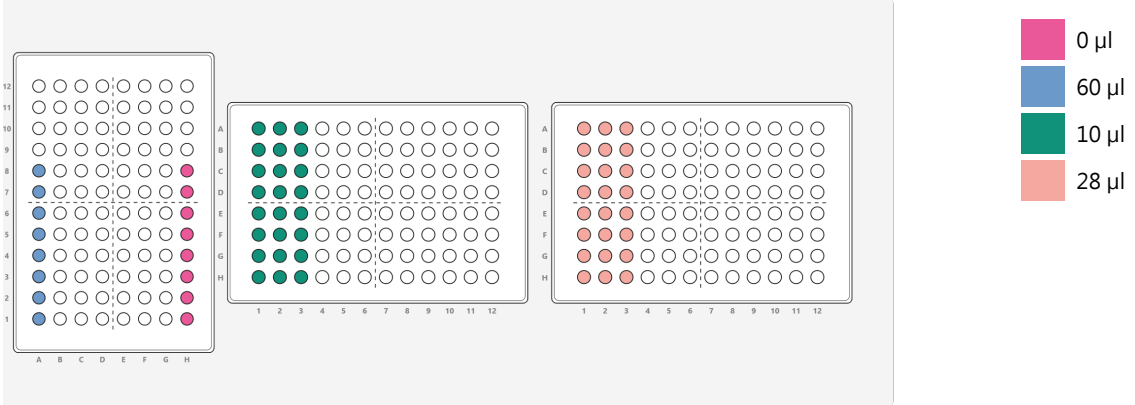

Pipette & Deck

Labware	Name	Manufacturer	Part Number
Pipette	VOYAGER 125µl 8 channels	INTEGRA	4722
Pipette Tip	50/125 µl GripTip, Non-sterile, Low retention	INTEGRA	6563
Deck	3 Position Universal Deck	INTEGRA	4520

Deck Labware


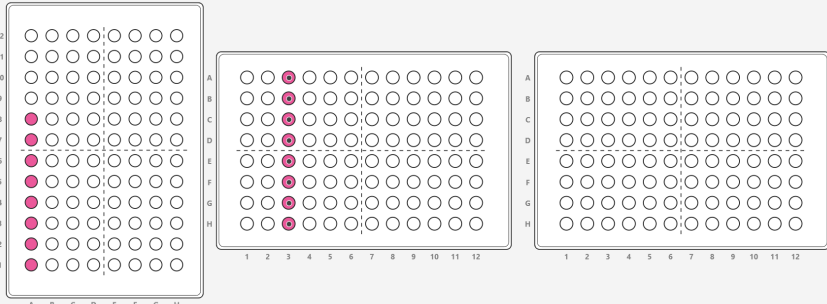
Deck Position	Labware	Name	Manufacturer	Part Number	Description
A	Plate	96 well PCR -Strips_3741- Cooling-plate - 200 µl	CORNING	PCR- Strips_3741- Cooling- plate	
B	Plate	96 well PCR Sapphire - 200 µl	GREINER	652270	
C	Plate	96 well PCR Sapphire on 96 well Magnet_ALPAQUA - 200 µl	GREINER	652270	




Method


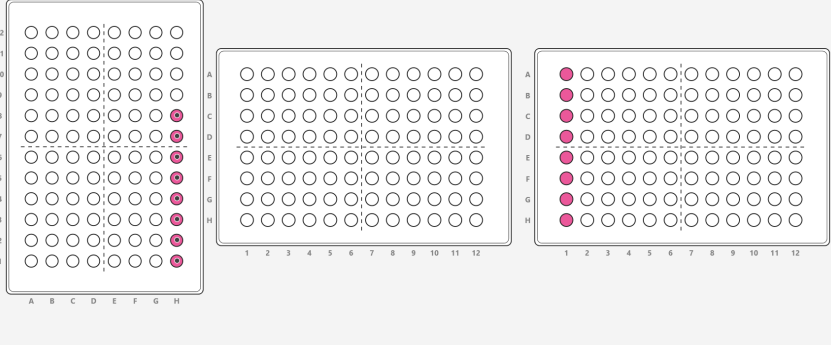
Step	Description
1 Initial Volum... 	
2 Transfer  Description: Transfer AMPure XP col.1	

Step	Description																																																																															
	<p>The diagram shows a 12x8 well plate with columns labeled A-H and rows labeled 1-12. A transfer path is indicated by red dots and arrows. The path starts at well A8-A1 (row 8, column A) and moves horizontally to well A1-H1 (row 1, column H). The path is shown in two segments: one from A8-A1 to A1-A1, and another from A1-A1 to A1-H1.</p>																																																																															
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5 Delay  Description: Incubation	Pipetting settings <table border="1" data-bbox="320 882 1485 1025"> <thead> <tr> <th data-bbox="320 882 619 936">Tab</th> <th data-bbox="619 882 1002 936">Parameter</th> <th data-bbox="1002 882 1485 936">Set value</th> </tr> </thead> <tbody> <tr> <td data-bbox="320 936 619 1025"> Delay </td> <td data-bbox="619 936 1002 1025"> Delay Time Skip Delay by RUN </td> <td data-bbox="1002 936 1485 1025"> 300 Yes </td> </tr> </tbody> </table>			Tab	Parameter	Set value	Delay	Delay Time Skip Delay by RUN	300 Yes
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Delay	Delay Time Skip Delay by RUN	300 Yes							
6 Message  Description: Place on Magnet	Pipetting settings <table border="1" data-bbox="320 1281 1485 1451"> <thead> <tr> <th data-bbox="320 1281 619 1335">Tab</th> <th data-bbox="619 1281 1002 1335">Parameter</th> <th data-bbox="1002 1281 1485 1335">Set value</th> </tr> </thead> <tbody> <tr> <td data-bbox="320 1335 619 1451"> Message </td> <td data-bbox="619 1335 1002 1451"> Message Line 1 Message Line 2 Message Line 3 </td> <td data-bbox="1002 1335 1485 1451"> Plate on magnet C 2 min </td> </tr> </tbody> </table>			Tab	Parameter	Set value	Message	Message Line 1 Message Line 2 Message Line 3	Plate on magnet C 2 min
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7 Delay  Description: 2 min on Magnet	Pipetting settings <table border="1" data-bbox="320 1680 1485 1823"> <thead> <tr> <th data-bbox="320 1680 619 1733">Tab</th> <th data-bbox="619 1680 1002 1733">Parameter</th> <th data-bbox="1002 1680 1485 1733">Set value</th> </tr> </thead> <tbody> <tr> <td data-bbox="320 1733 619 1823"> Delay </td> <td data-bbox="619 1733 1002 1823"> Delay Time Skip Delay by RUN </td> <td data-bbox="1002 1733 1485 1823"> 120 Yes </td> </tr> </tbody> </table>			Tab	Parameter	Set value	Delay	Delay Time Skip Delay by RUN	120 Yes
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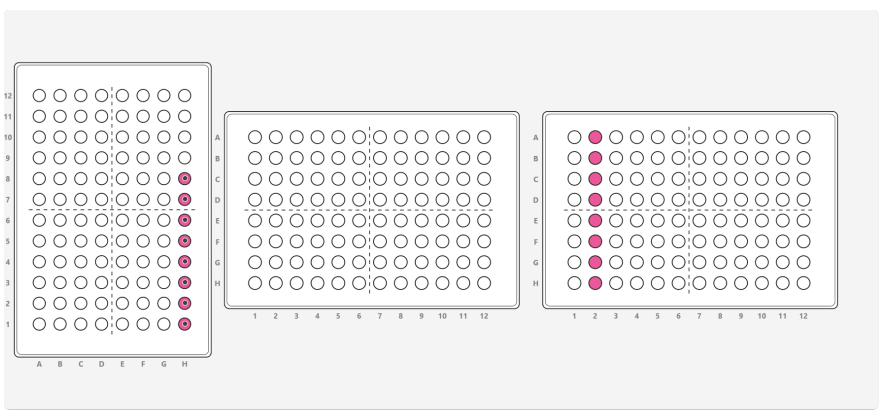
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<p>8 Transfer</p>  <p>Description: Asp. supernatant col.1</p>	 <p>Summary individual transfers</p> <table border="1" data-bbox="320 667 1485 797"> <thead> <tr> <th rowspan="2">Step</th> <th colspan="3">Source</th> <th colspan="3">Target</th> <th rowspan="2">Volume [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> </thead> <tbody> <tr> <td>1</td> <td>C</td> <td>A1-H1</td> <td>19.3 mm</td> <td>A</td> <td>H8-H1</td> <td>20.7 mm</td> <td>23</td> </tr> </tbody> </table> <p>Pipetting settings</p> <table border="1" data-bbox="320 853 1485 1798"> <thead> <tr> <th>Tab</th> <th>Parameter</th> <th>Set value</th> </tr> </thead> <tbody> <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 Exit Liquid Slowly</td> <td>2 0 8 0 No</td> </tr> <tr> <td>Pipetting Height</td> <td>Source: Heights Tip Travel Start Height Safety Bottom Offset Target: Heights Tip Travel Pipetting Height Safety Bottom Offset</td> <td>Source: Fix Yes 19.3 mm 0.6 mm Target: Fix No 20.7 mm 2 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 Type of Tip Touch Tip Touch Distance Tip Touch Height</td> <td>Yes Side 1.5 mm 21 mm</td> </tr> </tbody> </table>	Step	Source			Target			Volume [µl]	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	1	C	A1-H1	19.3 mm	A	H8-H1	20.7 mm	23	Tab	Parameter	Set value	Volumes	Volume	Fix	Pipetting Speeds	Aspiration Speed Aspiration Delay Dispense Speed Dispense Delay Exit Liquid Slowly	2 0 8 0 No	Pipetting Height	Source: Heights Tip Travel Start Height Safety Bottom Offset Target: Heights Tip Travel Pipetting Height Safety Bottom Offset	Source: Fix Yes 19.3 mm 0.6 mm Target: Fix No 20.7 mm 2 mm	Tip Change	Tip Change	After each transfer	Mix	Source: Mixing Target: Mixing	Source: No Target: No	Tip Touch	Tip Touch Type of Tip Touch Tip Touch Distance Tip Touch Height	Yes Side 1.5 mm 21 mm
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Step	Description
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9 Transfer



Description:
Asp. supernatant col.2

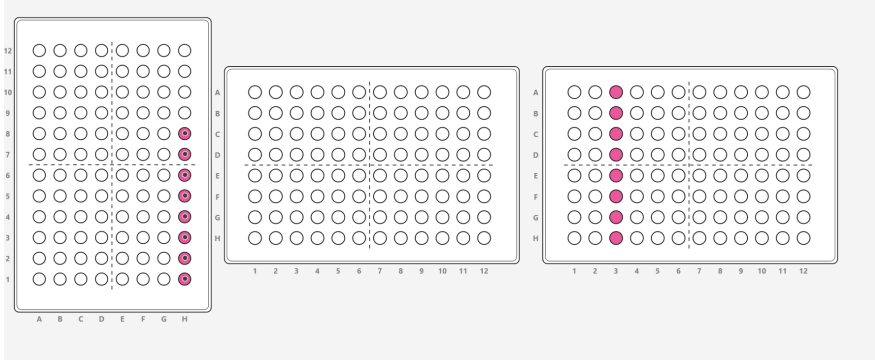



Summary individual transfers

Step	Source			Target			Volume [µl]
	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	
1	C	A2-H2	19.3 mm	A	H8-H11	20.7 mm	23

Pipetting settings

Tab	Parameter	Set value
Volumes	Volume	Fix
Pipetting Speeds	Aspiration Speed Aspiration Delay Dispense Speed Dispense Delay Exit Liquid Slowly	2 0 8 0 No
Pipetting Height	Source: Heights Tip Travel Start Height Safety Bottom Offset Target: Heights Tip Travel Pipetting Height Safety Bottom Offset	Source: Fix Yes 19.3 mm 0.6 mm Target: Fix No 20.7 mm 2 mm
Tip Change	Tip Change	After each transfer
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Tip Touch	Tip Touch Type of Tip Touch Tip Touch Distance Tip Touch Height	Yes Side 1.5 mm 23 mm

Step	Description																																											
10 Transfer	 <p>Description: Asp. supernatant col.3</p> <p>Summary individual transfers</p> <table border="1"> <thead> <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> </thead> <tbody> <tr> <td>1</td> <td>C</td> <td>A3-H3</td> <td>19.3 mm</td> <td>A</td> <td>H8-H11</td> <td>20.7 mm</td> <td>23</td> </tr> </tbody> </table> <p>Pipetting settings</p> <table border="1"> <thead> <tr> <th>Tab</th> <th>Parameter</th> <th>Set value</th> </tr> </thead> <tbody> <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 Exit Liquid Slowly</td> <td>2 0 8 0 No</td> </tr> <tr> <td>Pipetting Height</td> <td>Source: Heights Tip Travel Start Height Safety Bottom Offset Target: Heights Tip Travel Pipetting Height Safety Bottom Offset</td> <td>Source: Fix Yes 19.3 mm 0.6 mm Target: Fix No 20.7 mm 2 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 Type of Tip Touch Tip Touch Distance Tip Touch Height</td> <td>Yes Side 1.5 mm 25 mm</td> </tr> </tbody> </table>	Step	Source			Target			Volume [µl]	Deck Position	Well Positions	Start Height [mm]	Deck Position	Well Positions	Start Height [mm]	1	C	A3-H3	19.3 mm	A	H8-H11	20.7 mm	23	Tab	Parameter	Set value	Volumes	Volume	Fix	Pipetting Speeds	Aspiration Speed Aspiration Delay Dispense Speed Dispense Delay Exit Liquid Slowly	2 0 8 0 No	Pipetting Height	Source: Heights Tip Travel Start Height Safety Bottom Offset Target: Heights Tip Travel Pipetting Height Safety Bottom Offset	Source: Fix Yes 19.3 mm 0.6 mm Target: Fix No 20.7 mm 2 mm	Tip Change	Tip Change	After each transfer	Mix	Source: Mixing Target: Mixing	Source: No Target: No	Tip Touch	Tip Touch Type of Tip Touch Tip Touch Distance Tip Touch Height	Yes Side 1.5 mm 25 mm
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11 Message  Description: Select next AMP program AMP_WASH_ELUTE Change RR: new 8 row RR with Ethanol 70% and elution buffer	<p data-bbox="325 232 549 271">Pipetting settings</p> <table border="1" data-bbox="325 271 1485 439"> <thead> <tr> <th data-bbox="325 271 620 322">Tab</th> <th data-bbox="620 271 1007 322">Parameter</th> <th data-bbox="1007 271 1485 322">Set value</th> </tr> </thead> <tbody> <tr> <td data-bbox="325 322 620 439">Message</td> <td data-bbox="620 322 1007 439"> Message Line 1 Message Line 2 Message Line 3 </td> <td data-bbox="1007 322 1485 439"> AMP_Wash_Elu Change RR 8r EtOH-Buffer </td> </tr> </tbody> </table>			Tab	Parameter	Set value	Message	Message Line 1 Message Line 2 Message Line 3	AMP_Wash_Elu Change RR 8r EtOH-Buffer
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Message	Message Line 1 Message Line 2 Message Line 3	AMP_Wash_Elu Change RR 8r EtOH-Buffer							

Run Protocol

Program Name Program Name (on pipette)	AMPureXP_Binding_10ul_24s.iaa AMP_BINDING
Instrument - Serial Number ASSIST PLUS	
Pipette - Serial Number VOYAGER - 125µl - 8CH	
Pipette Tips - Lot Number 50/125 µl GripTip, Non-sterile, Low retention	
Notes:	
Run Operator:	
Run Date:	
Run Start Time:	
Run End Time:	
Signature:	