

NGS Sample Preparation Kit Customizer:

Architecture

Q1: Use **Liquid Handler** to pipette reagents?



1.1 Questio...

Yes, use **Liquid Handler** → Auto kits
(PN ##### or #####)

No, do not use **Liquid Handler** → Manual kit
(PN #####)

Yes, use **Liquid Handler** → Q2: Purify with **KingFisher** or **Liquid Handler**?



Purify with **KingFisher** → Q3: Manual or automated seal?

Purify with **Liquid Handler** → Q3: Manual or automated seal?

1.2 Questi...



Manual → Q4: Batch size?

1.20 Questi...

Automated → Q4: Batch size?

Manual → Q4: Batch size?

1.13 Questi...

Automated → Q4: Batch size?



1.4 Questi...

1.3 Questi...

1.19 Questi...

1.14 Questi...



1.6 Questi... 1.7 Questi... 1.8 Questi... 1.9 Questi...

1.5 Questi... 1.10 Questi... 1.12 Questi... 1.11 Questi...

1.21 Questi... 1.23 Questi... 1.22 Questi... 1.24 Questi...

1.15 Questi... 1.16 Questi... 1.18 Questi... 1.17 Questi...

6 x 16 **4 x 24** **2 x 48** **1 x 96**

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6 x 16 **4 x 24** **2 x 48** **1 x 96**

6 x 16 **4 x 24** **2 x 48** **1 x 96**

- ([# of batches] – 1) barcode labels
- 1 96-well plate per batch
- 2 bags of screw-cap tubes (96)
- 0 purification tube carriers
- 1 tube carrier
- 1 tube rack

- ([# of batches] – 1) barcode labels
- 0 96-well plates per batch
- 4 bags of screw-cap tubes (192)
- 1 purification tube carriers
- 1 tube carrier
- 2 tube racks

- ([# of batches] – 1) barcode labels
- 2 96-well plates per batch
- 2 bags of screw-cap tubes (96)
- 0 purification tube carriers
- 1 tube carrier
- 1 tube rack

- ([# of batches] – 1) barcode labels
- 2 96-well plates per batch
- 4 bags of screw-cap tubes (192)
- 1 purification tube carriers
- 1 tube carrier
- 2 tube racks

For all branches, batches of **6 x 16 or **4 x 24** receive the **HIGH VOL** reagents (#####), and batches of **2 x 48** or **1 x 96** receive the **LOW VOL** reagents (#####).



NGS Sample Preparation Kit Customizer:

Slide 1.1a




Biotech Company

Customize Your NGS Sample Preparation
For Automated & Semi-automated Laboratory Workflows

Start

Slide 1.1b



Will you dispense extraction reagents with a liquid handler or manually?

Liquid Handler **Manually**

Slide 1.1c




Your Customized NGS Sample Preparation Kit:

The Registered® NGS Sample Preparation Manual Kit (PN #####) is the best fit for your workflow and it includes all the consumables you will need.

If this is your first time ordering the Registered® NGS Sample Preparation Manual Kit, please contact [Company Customer Care](#) for assistance.

Order **Start Over**


Slide 1.2



Will you purify samples on a liquid handler or on a KingFisher ?

Liquid Handler KingFisher ?

The slide features a blue background with a white question. At the bottom, there are two white buttons with blue text: 'Liquid Handler' and 'KingFisher', followed by a white question mark icon. A small image of a Hamilton liquid handler tip is visible in the top left corner.



What's the difference?

After extraction, samples can be either:

- Purified on the deck of a **liquid handler**
- OR
- Transferred to a **KingFisher** for purification

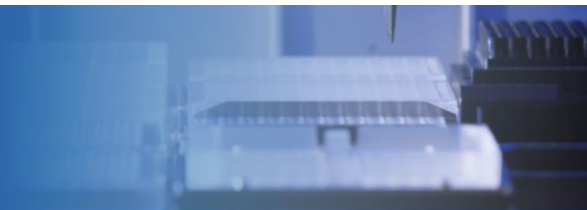
****If you will use one or more Presto(s) integrated with a liquid handler, please choose KingFisher.**

Will you purify samples on a liquid handler or on a KingFisher ?

Liquid Handler KingFisher ?


This slide is identical to the previous one but includes an additional white text box in the upper right area. The text box contains the heading 'What's the difference?' followed by two bullet points explaining sample purification options. A note at the bottom of the text box states: '**If you will use one or more Presto(s) integrated with a liquid handler, please choose KingFisher.' The rest of the slide, including the question and buttons, remains the same.

Slides 1.13 (Liquid Handler) & 1.20 (KingFisher)



During incubation, will you seal samples using automation or manually?

Automation Manually ?



At high temperatures, adhesive plate seals can lose effectiveness.

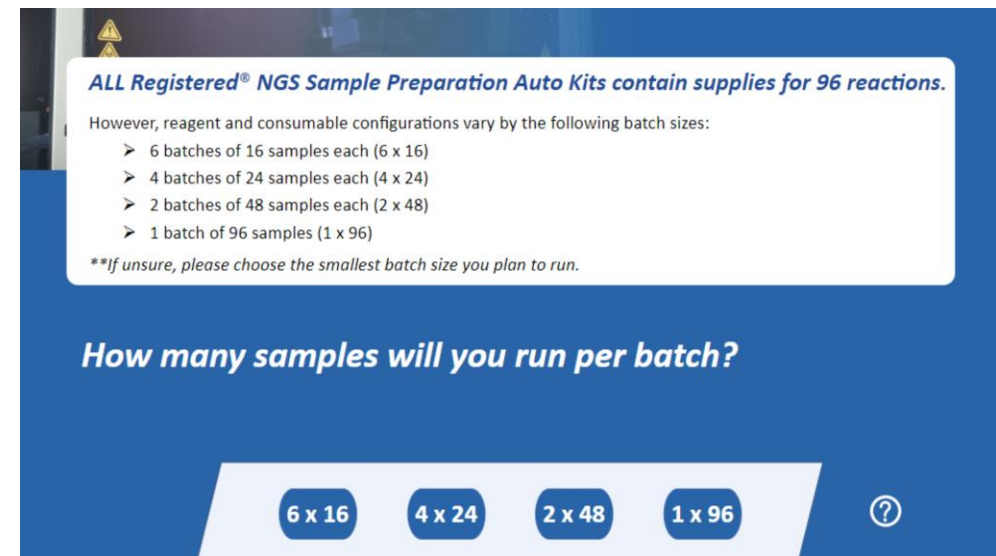
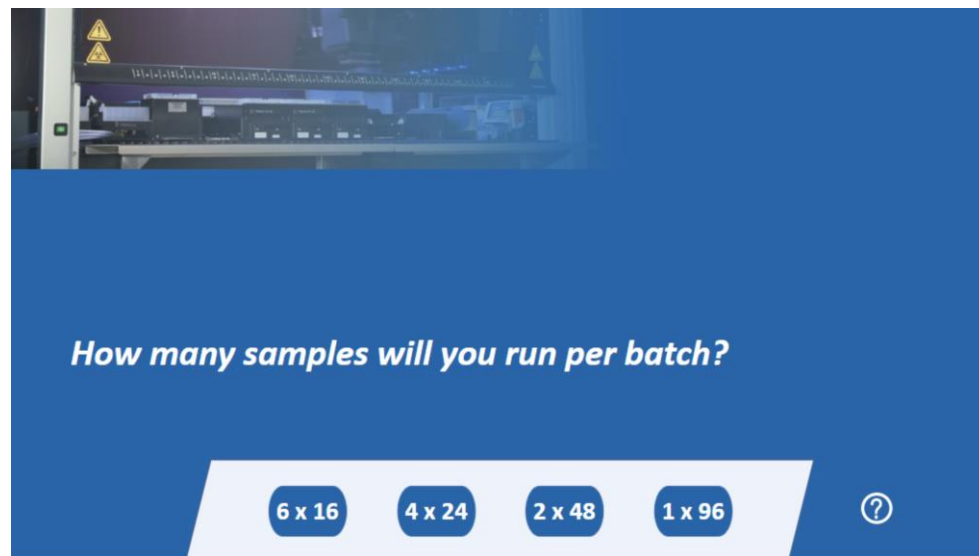
To prevent cross-contamination, samples must be processed in either:

- Screw-cap tubes, which can be sealed using an **automated** capper/decapper
- OR
- 96-well plates, which must be **manually** heat-sealed and unsealed

During incubation, will you seal samples using automation or manually?

Automation Manually ?

Slides 1.3 (KingFisher, Automated), 1.4 (KingFisher, Manual), 1.14 (Liquid Handler, Automated) and 1.19 (Liquid Handler, Manual)



KingFisher, Automated: Slides 1.5 (6 x 16) & 1.10 (4 x 24)
KingFisher, Manual: Slides 1.6 (6 x 16) & 1.7 (4 x 24)
Liquid Handler, Automated: Slides 1.15 (6 x 16) & 1.16 (4 x 24)
Liquid Handler, Manual: Slides 1.21 (6 x 16) & 1.23 (4 x 24)

Your Customized NGS Sample Preparation Kit:

ITEM:	QTY:
Registered® Auto Reagent Kit - High Volume (PN #####)	<input type="text" value="1"/>
Barcode Labels (PN #####)	<input type="text" value="5"/>
96-well Plates, (PN #####)	<input type="text" value="12"/>
Screw-cap Tubes, 1 bag of 48 (PN #####)	<input type="text" value="4"/>
Purification Tube Carriers (PN #####)	<input type="text" value="1"/>
Tube Carriers (PN #####)	<input type="text" value="1"/>
Tube Racks (PN #####)	<input type="text" value="2"/>

KingFisher, Automated: Slides 1.11 (2 x 48) and 1.12 (1 x 96)
KingFisher, Manual: Slides 1.8 (2 x 48) and 1.9 (1 x 96)
Liquid Handler, Automated: Slides 1.17 (2 x 48) and 1.18 (1 x 96)
Liquid Handler, Manual: Slides 1.22 (2 x 48) and 1.24 (1 x 96)

Your Customized NGS Sample Preparation Kit:

ITEM:	QTY:
Registered® Auto Reagent Kit - Low Volume (PN #####)	<input type="text" value="1"/>
Barcode Labels (PN #####)	<input type="text" value="0"/>
96-well Plates, (PN #####)	<input type="text" value="2"/>
Screw-cap Tubes, 1 bag of 48 (PN #####)	<input type="text" value="2"/>
Purification Tube Carriers (PN #####)	<input type="text" value="0"/>
Tube Carriers (PN #####)	<input type="text" value="1"/>
Tube Racks (PN #####)	<input type="text" value="1"/>