

KAPA HyperPETE Choice

KAPA HyperPETE Choice panels for the primer extension target enrichment of up to 250KB of custom-defined primary target regions of the human genome in the KAPA HyperPETE Workflows for KAPA Target Enrichment products

 **Version 01**
Content version: July 2021
Store at -15°C to -25°C

| Product Name and Pack Size | Catalog # |
|---|-------------|
| KAPA HyperPETE Choice 75KB, 96 reactions | 09418741001 |
| KAPA HyperPETE Choice 75KB, 384 reactions | 09418776001 |
| KAPA HyperPETE Choice 75KB, 1536 reactions | 09418784001 |
| KAPA HyperPETE Choice 75KB, 10000 reactions | 09418792001 |
| KAPA HyperPETE Choice 150KB, 96 reactions | 09418806001 |
| KAPA HyperPETE Choice 150KB, 384 reactions | 09418849001 |
| KAPA HyperPETE Choice 150KB, 1536 reactions | 09418857001 |
| KAPA HyperPETE Choice 150KB, 10000 reactions | 09418865001 |
| KAPA HyperPETE Choice 250KB, 96 reactions | 09418873001 |
| KAPA HyperPETE Choice 250KB, 384 reactions | 09418903001 |
| KAPA HyperPETE Choice 250KB, 1536 reactions | 09418911001 |
| KAPA HyperPETE Choice 250KB, 10000 reactions | 09418920001 |
| KAPA HyperPETE Choice RNA 50KB, 96 reactions | 09418938001 |
| KAPA HyperPETE Choice RNA 50KB, 384 reactions | 09418962001 |
| KAPA HyperPETE Choice RNA 50KB, 1536 reactions | 09418989001 |
| KAPA HyperPETE Choice RNA 50KB, 10000 reactions | 09418997001 |

Contents

| Component | Quantity | Amount |
|--|----------|--------|
| Kit for 75KB, 96 reactions (Catalog# 09418741001) | | |
| Choice 75KB Capture Panel | 1 | 480 µL |
| Choice 75KB Release Panel | 1 | 960 µL |
| Kit for 75KB, 384 reactions (Catalog# 09418776001) | | |
| Choice 75KB Capture Panel | 4 | 480 µL |
| Choice 75KB Release Panel | 4 | 960 µL |
| Kit for 75KB, 1536 reactions (Catalog# 09418784001) | | |
| Choice 75KB Capture Panel | 16 | 480 µL |
| Choice 75KB Release Panel | 16 | 960 µL |
| Kit for 75KB, 10000 reactions (Catalog# 09418792001) | | |
| Choice 75KB Capture Panel | 105 | 480 µL |
| Choice 75KB Release Panel | 105 | 960 µL |
| Kit for 150KB, 96 reactions (Catalog# 09418806001) | | |
| Choice 150KB Capture Panel | 1 | 480 µL |
| Choice 150KB Release Panel | 1 | 960 µL |
| Kit for 150KB, 384 reactions (Catalog# 09418849001) | | |
| Choice 150KB Capture Panel | 4 | 480 µL |
| Choice 150KB Release Panel | 4 | 960 µL |
| Kit for 150KB, 1536 reactions (Catalog# 09418857001) | | |
| Choice 150KB Capture Panel | 16 | 480 µL |
| Choice 150KB Release Panel | 16 | 960 µL |
| Kit for 150KB, 10000 reactions (Catalog# 09418865001) | | |
| Choice 150KB Capture Panel | 105 | 480 µL |
| Choice 150KB Release Panel | 105 | 960 µL |

| Component | Quantity | Amount |
|---|----------|--------|
| Kit for 250KB, 96 reactions (Catalog# 09418873001) | | |
| Choice 250KB Capture Panel | 1 | 480 µL |
| Choice 250KB Release Panel | 1 | 960 µL |
| Kit for 250KB, 384 reactions (Catalog# 09418903001) | | |
| Choice 250KB Capture Panel | 4 | 480 µL |
| Choice 250KB Release Panel | 4 | 960 µL |
| Kit for 250KB, 1536 reactions (Catalog# 09418911001) | | |
| Choice 250KB Capture Panel | 16 | 480 µL |
| Choice 250KB Release Panel | 16 | 960 µL |
| Kit for 250KB, 10000 reactions (Catalog# 09418920001) | | |
| Choice 250KB Capture Panel | 105 | 480 µL |
| Choice 250KB Release Panel | 105 | 960 µL |
| Kit for RNA 50KB, 96 reactions (Catalog# 09418938001) | | |
| Choice RNA 50KB Capture Panel | 1 | 480 µL |
| Choice RNA 50KB Release Panel | 1 | 960 µL |
| Kit for RNA 50KB, 384 reactions (Catalog# 09418962001) | | |
| Choice RNA 50KB Capture Panel | 4 | 480 µL |
| Choice RNA 50KB Release Panel | 4 | 960 µL |
| Kit for RNA 50KB, 1536 reactions (Catalog# 09418989001) | | |
| Choice RNA 50KB Capture Panel | 16 | 480 µL |
| Choice RNA 50KB Release Panel | 16 | 960 µL |
| Kit for RNA 50KB, 10000 reactions (Catalog# 09418997001) | | |
| Choice RNA 50KB Capture Panel | 105 | 480 µL |
| Choice RNA 50KB Release Panel | 105 | 960 µL |

When performing an automated workflow refer to the appropriate *Instructions for Use (IFU)* for alternative instructions.

Storage and Stability

Store the product at -15°C to -25°C through the expiration date printed on the label.

Warnings and Precautions



Do not expose KAPA HyperPETE Choice panel tubes to temperatures above room temperature (~25°C) for extended periods.

Application

The KAPA HyperPETE Choice panels enable targeted enrichment of up to 250KB custom-defined primary target regions in the human genome. Capture target size is given as an output from HyperDesign and varies depending on the panel. Proprietary design algorithms improve capture uniformity and reduce the amount of sequencing needed to efficiently identify sequence variants.

Number of Reactions

The supplied KAPA HyperPETE Choice panel is sufficient for 96, 384, 1536, or 10000 enrichment reactions.

How to Use this Product

Instructions for use may be found in the *KAPA HyperPETE Somatic Tissue DNA Workflow*, *KAPA HyperPETE Somatic Plasma cfDNA Workflow*, *KAPA HyperPETE Tissue RNA Fusion Transcript Workflow*, and *KAPA HyperPETE Germline DNA Workflow* Instructions for Use (IFU). To download the latest version of an IFU, go to sequencing.roche.com/support.

Changes to Previous Version


First Version

Ordering Information

For a complete overview of Roche Sequencing products, including those used in the *KAPA HyperPETE Workflow*, go to sequencing.roche.com/products.

Conventions

In this document, the following symbol is used to highlight important information:

| Symbol | Description |
|--|--|
|  | Important Note: Information critical to the success of the procedure of use of the product |

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