

# KAPA HyperPETE Explore

KAPA HyperPETE Explore panels for the primer extension target enrichment of up to 250KB of non-standard 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 Explore 75KB, 96 reactions	09419004001
KAPA HyperPETE Explore 75KB, 384 reactions	09419047001
KAPA HyperPETE Explore 75KB, 1536 reactions	09419055001
KAPA HyperPETE Explore 75KB, 10000 reactions	09419063001
KAPA HyperPETE Explore 150KB, 96 reactions	09419071001
KAPA HyperPETE Explore 150KB, 384 reactions	09419101001
KAPA HyperPETE Explore 150KB, 1536 reactions	09419110001
KAPA HyperPETE Explore 150KB, 10000 reactions	09419128001
KAPA HyperPETE Explore 250KB, 96 reactions	09419136001
KAPA HyperPETE Explore 250KB, 384 reactions	09419179001
KAPA HyperPETE Explore 250KB, 1536 reactions	09419187001
KAPA HyperPETE Explore 250KB, 10000 reactions	09419195001
KAPA HyperPETE Explore RNA 50KB, 96 reactions	09419209001
KAPA HyperPETE Explore RNA 50KB, 384 reactions	09419233001
KAPA HyperPETE Explore RNA 50KB, 1536 reactions	09419241001
KAPA HyperPETE Explore RNA 50KB, 10000 reactions	09419250001

## Contents

Component	Quantity	Amount
<b>Kit for 75KB, 96 reactions (Catalog# 09419004001)</b>		
Explore 75KB Capture Panel	1	480 µL
Explore 75KB Release Panel	1	960 µL
<b>Kit for 75KB, 384 reactions (Catalog# 09419047001)</b>		
Explore 75KB Capture Panel	4	480 µL
Explore 75KB Release Panel	4	960 µL
<b>Kit for 75KB, 1536 reactions (Catalog# 09419055001)</b>		
Explore 75KB Capture Panel	16	480 µL
Explore 75KB Release Panel	16	960 µL
<b>Kit for 75KB, 10000 reactions (Catalog# 09419063001)</b>		
Explore 75KB Capture Panel	105	480 µL
Explore 75KB Release Panel	105	960 µL
<b>Kit for 150KB, 96 reactions (Catalog# 09419071001)</b>		
Explore 150KB Capture Panel	1	480 µL
Explore 150KB Release Panel	1	960 µL
<b>Kit for 150KB, 384 reactions (Catalog# 09419101001)</b>		
Explore 150KB Capture Panel	4	480 µL
Explore 150KB Release Panel	4	960 µL
<b>Kit for 150KB, 1536 reactions (Catalog# 09419110001)</b>		
Explore 150KB Capture Panel	16	480 µL
Explore 150KB Release Panel	16	960 µL
<b>Kit for 150KB, 10000 reactions (Catalog# 09419128001)</b>		
Explore 150KB Capture Panel	105	480 µL

Component	Quantity	Amount
<b>Kit for 250KB, 96 reactions (Catalog# 09419136001)</b>		
Explore 250KB Capture Panel	1	480 µL
Explore 250KB Release Panel	1	960 µL
<b>Kit for 250KB, 384 reactions (Catalog# 09419179001)</b>		
Explore 250KB Capture Panel	4	480 µL
Explore 250KB Release Panel	4	960 µL
<b>Kit for 250KB, 1536 reactions (Catalog# 09419187001)</b>		
Explore 250KB Capture Panel	16	480 µL
Explore 250KB Release Panel	16	960 µL
<b>Kit for 250KB, 10000 reactions (Catalog# 09419195001)</b>		
Explore 250KB Capture Panel	105	480 µL
Explore 250KB Release Panel	105	960 µL
<b>Kit for RNA 50KB, 96 reactions (Catalog# 09419209001)</b>		
Explore RNA 50KB Capture Panel	1	480 µL
Explore RNA 50KB Release Panel	1	960 µL
<b>Kit for RNA 50KB, 384 reactions (Catalog# 09419233001)</b>		
Explore RNA 50KB Capture Panel	4	480 µL
Explore RNA 50KB Release Panel	4	960 µL
<b>Kit for RNA 50KB, 1536 reactions (Catalog# 09419241001)</b>		
Explore RNA 50KB Capture Panel	16	480 µL
Explore RNA 50KB Release Panel	16	960 µL
<b>Kit for RNA 50KB, 10000 reactions (Catalog# 09419250001)</b>		
Explore RNA 50KB Capture Panel	105	480 µL

Component	Quantity	Amount
Explore 150KB 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 Explore panel tubes to temperatures above room temperature (~25°C) for extended periods.

### Application

The KAPA HyperPETE Explore panels enable targeted enrichment of up to 250KB custom-defined non-standard primary target regions in the human genome including repetitive and mitochondrial human sequences, or when the user defines the probe replication in the target regions. Capture target size is given as an output from HyperDesign and varies depending on the panel.

### Number of Reactions

The supplied KAPA HyperPETE Explore 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](http://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](http://sequencing.roche.com/products).

### Conventions

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

Symbol	Description
	<b>Important Note:</b> Information critical to the success of the procedure of use of the product

Component	Quantity	Amount
Explore RNA 50KB Release Panel	105	960 µL

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