

# KAPA HyperPETE Hot Spot Panel

KAPA HyperPETE Hot Spot Panel for the primer extension target enrichment of a 37KB capture target region of the human genome in the KAPA HyperPETE Somatic Tissue DNA Workflow and KAPA HyperPETE Somatic Plasma cfDNA Workflow 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 Hot Spot Panel, 24 reactions	09329234001
KAPA HyperPETE Hot Spot Panel, 96 reactions	09329277001
KAPA HyperPETE Hot Spot Panel, 384 reactions	09329307001

## Contents

Component	Quantity	Amount
<b>Kit for 24 Reactions (Catalog # 09329234001)</b>		
Hot Spot Capture Panel	1	120µL
Hot Spot Release Panel	1	240µL
<b>Kit for 96 Reactions (Catalog # 09329277001)</b>		
Hot Spot Capture Panel	1	480µL
Hot Spot Release Panel	1	960µL
<b>Kit for 384 Reactions (Catalog # 09329307001)</b>		
Hot Spot Capture Panel	4	480µL
Hot Spot Release Panel	4	960µL

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 Hot Spot Panel tubes to temperatures above room temperature (~25°C) for extended periods

## Application

The KAPA HyperPETE Hot Spot Panel enables targeted enrichment of a 37KB capture target region of the human genome including the genes NRAS, ALK, IDH1, CTNNB1, PIK3CA, FGFR3, PDGFRA, KIT, FBXW7, APC, ESR1, EGFR, BRAF, FGFR1, JAK2, CDKN2A, GNAQ, PTCH1, TSC1, RET, PTEN, FGFR2, HRAS, ATM, KRAS, POLE, AKT1, NTRK3, IDH2, TSC2, TP53, NF1, ERBB2, BRCA1, STK11, GNA11, and GNAS. 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 Hot Spot Panel is sufficient for 24, 96, or 384 enrichment reactions.

## How to Use this Product

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

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