

# KAPA HyperPETE Pan Cancer Panel

KAPA HyperPETE Pan Cancer Panel for the primer extension target enrichment of a 301KB capture target region of the human genome for 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 Pan Cancer Panel, 24 reactions	09329161001
KAPA HyperPETE Pan Cancer Panel, 96 reactions	09329196001
KAPA HyperPETE Pan Cancer Panel, 384 reactions	09329226001

## Contents

Component	Quantity	Amount
<b>Kit for 24 Reactions (Catalog # 09329161001)</b>		
Pan Cancer Capture Panel	1	120µL
Pan Cancer Release Panel	1	240µL
<b>Kit for 96 Reactions (Catalog # 09329196001)</b>		
Pan Cancer Capture Panel	1	480µL
Pan Cancer Release Panel	1	960µL
<b>Kit for 384 Reactions (Catalog # 09329226001)</b>		
Pan Cancer Capture Panel	4	480µL
Pan Cancer 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 Pan Cancer Panel tubes to temperatures above room temperature (~25°C) for extended periods

## Application

The KAPA HyperPETE Pan Cancer Panel enables targeted enrichment of a 301KB capture target region of the human genome including the genes MTOR, ARID1A, MPL, JAK1, NRAS, NTRK1, DDR2, DNMT3A, ALK, MSH2, MSH6, ERCC3, NFE2L2, IDH1, VHL, RAF1, MLH1, CTNBN1, SETD2, ATR, PIK3CA, FGFR3, PDGFRA, KIT, FBXW7, TERT, APC, RAD50, CSF1R, NPM1, ROS1, ESR1, PMS2, EGFR, MET, SMO, BRAF, EZH2, FGFR1, JAK2, CDKN2A, GNAQ, NTRK2, PTCH1, ABL1, TSC1, NOTCH1, RET, PTEN, FGFR2, HRAS, ATM, KRAS, ERBB3, CDK4, PTPN11, HNF1A, POLE, FLT3, BRCA2, RB1, AKT1, MAP2K1, NTRK3, IDH2, TSC2, ERCC4, CDH1, FANCA, TP53, NF1, RAD51D, ERBB2, BRCA1, RAD51C, BRIP1, SMAD4, STK11, GNA11, MAP2K2, JAK3, ERCC2, SRC, GNAS, SMARCB1, and NF2. 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 Pan Cancer 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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