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 **Product Name and Pack Size**

KAPA HyperPETE Pan Cancer Panel, 24 reactions KAPA HyperPETE Pan Cancer Panel, 96 reactions KAPA HyperPETE Pan Cancer Panel, 384 reactions Catalog # 09329161001 09329196001 09329226001

Contents

Component	Quantity	Amount	
Kit for 24 Reactions (Catalog # 09329161001)			
Pan Cancer Capture Panel	1	120µL	
Pan Cancer Release Panel	1	240µL	
Kit for 96 Reactions (Catalog #	ŧ 0932919600	1)	
Pan Cancer Capture Panel	1	480µL	
Pan Cancer Release Panel	1	960µL	
Kit for 384 Reactions (Catalog	# 093292260	01)	
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, CTNNB1, 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.

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 <u>sequencing.roche.com/products</u>.

Conventions

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

Symbol Description Important Note: Information critical to the

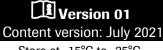
Information critical to the success of the procedure of use of the product

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Store at -15°C to -25°C



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