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KAPA HyperPETE Reagent Kit

KAPA HyperPETE Reagent Kit for primer extension target enrichment of custom-defined regions of the 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

KAPA HyperPETE Reagent Kit, 24 reactions
KAPA HyperPETE Reagent Kit, 96 reactions

Catalog

09211614001
09211683001

Contents

Component	Quantity	Amount
Kit for 24 Reactions (Catalog# 09211614001)		
COT Human DNA	2	120 µL
Universal Enhancing Oligos	1	240 µL
Capture Extension Reagent (5X)	1	240 µL
Bead Binding Buffer (2.5X)	1	4.4 mL
Wash and Resuspension Buffer (10X)	1	1.9 mL
Release Hybridization Buffer (5X)	1	240 µL
Release Extension Reagent (4X)	1	120 µL
KAPA HiFi HotStart Ready Mix (2X)	1	600 µL
Illumina Primer Mix (10X)	1	120 µL
Kit for 96 Reactions (Catalog# 09211683001)		
COT Human DNA	2	480 µL
Universal Enhancing Oligos	2	480 µL
Capture Extension Reagent (5X)	1	960 µL
Bead Binding Buffer (2.5X)	1	18 mL
Wash and Resuspension Buffer (10X)	1	8 mL
Release Hybridization Buffer (5X)	1	960 µL
Release Extension Reagent (4X)	1	480 µL
KAPA HiFi HotStart Ready Mix (2X)	1	2.4 mL
Illumina Primer Mix (10X)	1	480 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 the Capture Extension Reagent, Release Extension Reagent, or KAPA HiFi HotStart Ready Mix tubes to temperatures above room temperature (~25°C) for extended periods.

Application

The KAPA HyperPETE Reagent Kit is used during primer extension target enrichment of custom-defined regions of the genome or transcriptome. 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 Reagent Kit is sufficient for 24 or 96 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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