

# KAPA HyperPETE Lung Cancer Fusion Panel

KAPA HyperPETE Lung Cancer Fusion Panel for the primer extension target enrichment of a 18KB capture target region of the human genome in the KAPA HyperPETE Tissue RNA Fusion Transcript 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 Lung Cancer Fusion Panel, 24 reactions	09329471001
KAPA HyperPETE Lung Cancer Fusion Panel, 96 reactions	09329501001
KAPA HyperPETE Lung Cancer Fusion Panel, 384 reactions	09329536001

## Contents


Component	Quantity	Amount
<b>Kit for 24 Reactions (Catalog # 09329471001)</b>		
Lung Cancer Fusion Capture Panel	1	120µL
Lung Cancer Fusion Release Panel	1	240µL
<b>Kit for 96 Reactions (Catalog # 09329501001)</b>		
Lung Cancer Fusion Capture Panel	1	480µL
Lung Cancer Fusion Release Panel	1	960µL
<b>Kit for 384 Reactions (Catalog # 09329536001)</b>		
Lung Cancer Fusion Capture Panel	4	480µL
Lung Cancer Fusion 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 Lung Cancer Fusion Panel tubes to temperatures above room temperature (~25°C) for extended periods

## Application

The KAPA HyperPETE Lung Cancer Fusion Panel enables targeted enrichment of a 18KB capture target region of the human genome including the genes ALK, AXL, BRAF, EGFR, FGFR1, FGFR2, FGFR3, MET, NRG1, NTRK1, NTRK2, NTRK3, PDGFRA, PDGFRB, PPARG, RET, ROS1, and housekeeping genes CHMP2A, HPRT1, RAB7A, and VCP. 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 Lung Cancer Fusion Panel is sufficient for 24, 96, or 384 enrichment reactions.

## How to Use this Product

Instructions for use may be found in the *HyperPETE Tissue RNA Fusion Transcript 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

-  **Important Note:**  
Information critical to the success of the procedure of use of the product

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