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KAPA Universal Adapter

Universal adapter for ligation-based library construction prior to sample barcoding in the KAPA HyperCap Workflow and KAPA HyperPETE Workflow Germline DNA for KAPA Target Enrichment products

Version 02

Content version: July 2021

Store at -15°C to -25°C

Product Name and Pack Size	Catalog #
KAPA Universal Adapter, 96 reactions	09063781001

Contents

Component	Quantity	Amount
Kit for 96 Reactions (Catalog# 09063781001)		
KAPA Universal Adapter 15µM	1	960 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 to -25 °C through the expiration date printed on the label. The product can withstand five freeze-thaw cycles before a negative impact to reagent stability and performance.

Warnings and Precautions

Do not expose adapter tubes to temperatures above room temperature (~25 °C) for extended periods.

Application

The KAPA Universal Adapter is a truncated adapter used during ligation-based library construction for sequencing on Illumina® instruments. A pair of unique, 8-nucleotide sequencing indices (barcodes) are added by PCR for use in single sample or multiplexed sequencing applications. The KAPA Universal Adapter has been manufactured by duplexing (hybridizing) two oligonucleotides and is designed to ensure high library construction ligation efficiency and low adapter-dimer formation.

Number of Reactions

The supplied KAPA Universal Adapter is sufficient for 96 or 4 x 96 library preparation reactions.

How to Use this Product

Instructions for use may be found in the *KAPA HyperCap Workflow Instructions for Use (IFU)* 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

Updated to include usage with the *KAPA HyperPETE Workflow*. Add in permitted amount of freeze-thaw cycles.

Ordering Information

For a complete overview of Roche Sequencing products, including those used in the *KAPA HyperCap Workflow* and *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 or use of the product.

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