

KAPA HyperCapture Reagent Kit

Reagents for hybridization, wash, and post-capture PCR steps in the KAPA HyperCap Workflow for KAPA Target Enrichment products

 **Version 03**
Content version: October 2021

Product Name and Pack Size

Catalog

Store at -15°C to -25°C


KAPA HyperCapture Reagent Kit, 24 reactions	09075810001
KAPA HyperCapture Reagent Kit, 96 reactions	09075828001

Contents and appearance








Each kit is shipped in one container.

Cap Label	Cap Color	Component	Quantity	Volume
Kit for 24 Reactions (Catalog# 09075810001)				
HiFi	Blue	KAPA HiFi HotStart Ready Mix (2×)	1	690 µL
COT	Natural	COT Human DNA	1	1 mL
H ₂ O	Natural	PCR-Grade Water	3	904 µL
UEO	Purple	Universal Enhancing Oligos	1	370 µL
Hyb	Brown	Hybridization Buffer	1	810 µL
CH	Natural	Component H	1	1 mL
N/A	White	2.5× Bead Wash Buffer	1	11.52 mL
Str	White	10× Stringent Wash Buffer	1	960 µL
WB1	Red	10× Wash Buffer I	1	720 µL
WB2	Yellow	10× Wash Buffer II	1	480 µL
WB3	Natural	10× Wash Buffer III	1	480 µL
PCR	Yellow	Post-Capture PCR Oligos	1	2.4 nmol each primer
Kit for 96 Reactions (Catalog# 09075828001)				
N/A	White	KAPA HiFi HotStart Ready Mix (2×)	1	3.0 mL
COT	Natural	COT Human DNA	3	1 mL
H ₂ O	Natural	PCR-Grade Water	1	9.9 mL
UEO	Purple	Universal Enhancing Oligos	2	643 µL
Hyb	Brown	Hybridization Buffer	4	810 µL
CH	Natural	Component H	2	1 mL
N/A	Natural	2.5× Bead Wash Buffer	1	11.52 mL
N/A	White	10× Stringent Wash Buffer	1	3.84 mL
N/A	White	10× Wash Buffer I	1	2.88 mL
N/A	White	10× Wash Buffer II	1	1.92 mL
N/A	White	10× Wash Buffer III	1	1.92 mL
PCR	Yellow	Post-Capture PCR Oligos	2	2.4 nmol each primer

Storage and Stability

- Store at -15°C to -25°C. The kit components are stable at -15°C to -25°C through the expiration date printed on the label.
-  The kit is shipped on dry ice.
- Ensure that stock wash buffers are not precipitated or cloudy. If necessary, thoroughly vortex and gently warm cloudy buffers at 37°C until buffers are completely clear.

Updated Warnings and Precautions

-  Buffers included in this kit are known to be toxic, harmful, and irritating to the skin and mucus membranes. Avoid exposure - obtain special instruction before use. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of accident or if you feel unwell, seek medical advice immediately (show label where possible). May cause harm to the unborn child. Restricted to professional use. When using, do not eat, drink, or smoke.
-  Wear the appropriate personal protective equipment, such as gloves and safety glasses, to avoid direct contact while handling the components in this kit.
-  Use good laboratory practices to avoid contamination when using the components in this kit.
-  In the event of a spill, clean up the solution with absorbent pads, allow pads to dry, and dispose of pads. Observe all national, regional, and local regulations for waste disposal and management.
-  Handle all samples as if potentially infectious, using safe procedures. As the sensitivity and titer of potential pathogens in the sample material can vary, the operator must optimize pathogen inactivation and follow appropriate measures according to local safety regulations.
-  Do not pipette by mouth.
-  Wash hands thoroughly after handling samples and reagents.

Waste Handling

- Discard unused reagents and waste in accordance with country, federal, state and local regulations.
- Safety Data Sheets (SDS) are available online on dialog.roche.com, or upon request from the local Roche office.

Application

The kit contains components to perform hybridization, wash, and post-capture PCR steps in the KAPA HyperCap Workflow using KAPA Target Enrichment products.

Number of Reactions

1 kit for 24 or 96 captures using the *KAPA HyperCap Workflow*.

How to Use this Product

Instructions for use may be found in the *KAPA HyperCap Workflow Instructions for Use (IFU)*. To download the latest version of an IFU, go to sequencing.roche.com/support.

Changes to Previous Version



Editorial changes. Updated volume for 2.5X Bead Wash Buffer for 24 Reaction Kit.

Ordering Information

For a complete overview of Roche Sequencing products, including those used in the *KAPA HyperCap Workflow*, please visit: sequencing.roche.com/products.

Conventions

In this document, the following symbols are used to highlight important information:

Symbol	Description
	Information Note: Additional information about the current topic or procedure.
	Important Note: Information critical to the success of the procedure or use of the product.

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