③ BD Rhapsody[™] TCR/BCR Amplification Kit

BD Biosciences Kit Catalog No.: 665345

Purpose

The purpose of this kit is to provide the necessary reagents for the amplification of single cell mRNA, Sample Tag, BD[®] AbSeq, TCR and BCR libraries using the BD Rhapsody[™] Single-Cell Analysis system or the BD Rhapsody[™] Express Single-Cell Analysis system.

Contents

Cat. No.	Component	Color Cap	Quantity	Volume per unit	Storage
91-1197	TSO	Purple	1	30 µL	-25°C to -15°C
91-1198	1M MgCl2	Black	1	15 µL	
91-1199	Hybridization Buffer	Orange	4	1.6 mL	
91-1200	TCR N1 Primer	Red	1	16 µL	
91-1201	TCR N2 Primer	Red	1	40 µL	
91-1202	BCR N1 Primer	Green	1	16 µL	
91-1203	BCR N2 Primer	Green	1	40 µL	
91-1204	TCR/BCR Universal Oligo N1	Blue	1	65 µL	
91-1205	TCR/BCR Universal Oligo N2	Blue	1	30 µL	
91-1206	TCR/BCR Extension Buffer	White	1	160 µL	
91-1207	TCR/BCR Extension Enzyme	White	1	70 µL	
91-1208	TCR/BCR Extension Primers	White	1	30 µL	
650000076	Nuclease Free Water	Neutral	2	1 mL	
91-1082	RT/PCR Enhancer	Black	1	70 µL	
91-1083	PCR Master Mix	White	1	1.2 mL	
91-1084	Elution Buffer	Pink	2	1.8 mL	
65000077	dNTP	Orange	2	100 µL	

Precautions

This kit includes PCR MasterMix - a mixture: of 1,2,3-propanetriol, tetramethylammonium chloride, and hydrochloric acid.

The reagent is classified as hazardous according to the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). Visit regdocs.bd.com/regdocs/sdsSearch to download the Safety Data Sheet.

	Danger	
(!)	H302: Harmful if swallowed. H370: Causes damage to organs. H412: Harmful to aquatic life with long lasting effects.	
Prevention:	P264: Wash thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P260: Do not breathe dust/fume/gas/mist/vapors/spray. P273: Avoid release to the environment.	
Response:	P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P330: Rinse mouth. P307+P311: IF exposed or concerned: Call a POISON CENTER/doctor. P321: Specific treatment (see Safety Data Sheet).	
Storage:	P405: Store locked up.	
Disposal:	P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.	

Handling

Store the reagents at their specified storage temperature. Before using reagents, see the *BD Rhapsody™ Single-Cell* Analysis System Instrument User Guide (Doc ID: 214062) or the *BD Rhapsody™ Express Single-Cell Analysis System* Instrument User Guide (Doc ID: 214063).

Safety

Use standard laboratory safety protocols. Read and understand the safety data sheets (SDSs) before handling chemicals. For technical support contact BD Biosciences at scomix@bdscomix.bd.com.

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