

BD Rhapsody™ WTA Amplification Kit

BD Biosciences Kit Catalog No.: 633801

Purpose


The purpose of this kit is to provide the necessary reagents to support WTA library preparation.

Contents

Cat. No.	Component	Color Cap	Quantity	Volume per unit	Storage
650000076	Nuclease-free Water	Clear	3 vials	1 mL	-25°C to -15°C
650000077	10 mM dNTP	Orange	1 vial	100 µL	
91-1082	Bead RT/PCR Enhancer	Black	3 vials	70 µL	
650000074	Universal Oligo	White	2 vials	130 µL	
91-1086	BD® AbSeq Primer	Green	1 vial	70 µL	
91-1084	Elution Buffer	Pink	2 vials	1.8 mL	
650000066	Bead Resuspension Buffer	Black	3 vials	1 mL	
91-1085	Library Forward Primer	Red	1 vial	40 µL	
650000080	Library Reverse Primer 1	Red	1 vial	20 µL	
650000091	Library Reverse Primer 2	Red	1 vial	20 µL	
650000092	Library Reverse Primer 3	Red	1 vial	20 µL	
650000093	Library Reverse Primer 4	Red	1 vial	20 µL	
91-1088	Sample Tag PCR1 Primer	Purple	1 vial	20 µL	
91-1089	Sample Tag PCR2 Primer	Purple	1 vial	20 µL	
91-1114	WTA Extension Buffer	Blue	1 vial	100 µL	
91-1115	WTA Extension Primers	Blue	1 vial	100 µL	
91-1116	WTA Amplification Primer	White	1 vial	50 µL	
91-1117	WTA Extension Enzyme	Blue	1 vial	30 µL	
91-1118	PCR MasterMix	White	1 vial	1.8 mL	

Precautions

PCR MasterMix contains 4.8% 1,2,3-propanetriol (CAS number 56-81-5), 3% tetramethylammonium chloride (CAS number 75-57-0), and 0.156% hydrochloric acid (CAS number 7647-01-0). The reagent is classified as hazardous according to the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). Visit regdocs.bd.com 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:	P307+P311: If exposed or concerned: Call a POISON CENTER/doctor/... P301: IF SWALLOWED: P312: Call a POISON CENTER/doctor if you feel unwell. P330: Rinse mouth.
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) and the *BD Rhapsody™ System mRNA Whole Transcriptome Analysis (WTA) Library Preparation Protocol* (23-21711-00) or the *BD Rhapsody™ System mRNA Whole Transcriptome Analysis (WTA) and Sample Tag Library Preparation Protocol* (23-21712-00).

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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