

BD Rhapsody™ WTA **Amplification Kit** **Catalog No: 633801**

Purpose


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

Contents

Catalog 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	2 vials	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 10% 1,2,3-Propanetriol (CAS number 56-81-5) and 5% Tetramethylammonium chloride (CAS number 75-57-0). This reagent is classified as hazardous according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) and Regulation (EC) No 1272/2008. Go to 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	P260: Do not breathe dust/fume/gas/mist/vapors/spray. P264: Wash face, hands and any exposed skin thoroughly after handling. P270: Do not eat, drink or smoke when using this product. 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: Call a POISON CENTER or doctor/physician.
Storage	P405: Store locked up.
Disposal	P501: Dispose of contents/container to an approved facility in accordance with local, regional, national and international regulations.

Handling

Store the reagents at their specified storage temperature. Before using reagents, see the *BD Rhapsody™ HT Single-Cell Analysis System Instrument User Guide* (23-24257) or the *BD Rhapsody™ HT Xpress System Instrument User Guide* (23-24256) and the *BD Rhapsody™ System TCR/BCR Full Length and mRNA Whole Transcriptome Analysis (WTA) Library Preparation Protocol* (23-24017) or the *BD Rhapsody™ System TCR/BCR Full Length, mRNA Whole Transcriptome Analysis (WTA), and Sample Tag Library Preparation Protocol* (23-24018).

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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