

BD Rhapsody™ Targeted mRNA and AbSeq Reagent Kit—4 Pack

BD Biosciences Kit Catalog No.: 633771

Purpose

The purpose of this kit is to provide the necessary reagents for the preparation of single cell mRNA, Sample Tag, and BD™ AbSeq libraries with the BD Rhapsody™ Single-Cell Analysis system or the BD Rhapsody™ Express Single-Cell Analysis system.

Contents

Box	Cat. No.	Component	Cap color	Quantity	Volume per unit	Storage
BD Rhapsody™ Cartridge Reagent Kit (Cat. No. 633731)	650000060	Cartridge Wash Buffer 1	Neutral	1 bottle	7 mL	2°C to 8°C
	650000061	Cartridge Wash Buffer 2	Neutral	1 bottle	4 mL	
	650000062	Sample Buffer	Neutral	1 bottle	28 mL	
	650000064	Lysis Buffer	Neutral	4 bottles	15 mL	
	650000065	Bead Wash Buffer	Neutral	1 bottle	10 mL	
	650000063	1 M DTT	White	1 vial	400 µL	
	650000089	Cell Capture Beads	Brown	4 vials	2 mL	
	650000090	Waste Collection Container	Neutral	4 each	—	

Box	Cat. No.	Component	Quantity	Storage
BD Rhapsody™ Cartridge Kit (Cat. No.633733)	400000847	BD Rhapsody™ Cartridge	4 each	15°C to 25°C

Box	Cat. No.	Component	Cap color	Quantity	Volume per unit	Storage
BD Rhapsody™ cDNA Kit (Cat. No. 633773)	650000076	Nuclease-Free Water	Neutral	2 vials	1 mL	-25°C to -15°C
	650000067	RT Buffer	Orange	1 vial	200 µL	
	650000068	RT 0.1M DTT	Orange	1 vial	50 µL	
	650000069	Reverse Transcriptase	Orange	1 vial	50 µL	
	650000077	dNTP	Orange	1 vial	100 µL	
	650000078	RNase Inhibitor	Orange	1 vial	50 µL	
	91-1082	Bead RT/PCR Enhancer	Black	1 vial	70 µL	
	650000071	10X Exonuclease I Buffer	Yellow	1 vial	100 µL	
	650000072	Exonuclease I	Yellow	1 vial	50 µL	
	650000066	Bead Resuspension Buffer	Black	1 vial	1 mL	

Box	Cat. No.	Component	Cap color	Quantity	Volume per unit	Storage
BD Rhapsody™ Targeted mRNA and AbSeq Amplification Kit (Cat. No. 633774)	650000076	Nuclease-Free Water	Neutral	1 vial	1 mL	-25°C to -15°C
	91-1082	Bead RT/PCR Enhancer	Black	1 vial	70 µL	
	91-1083	PCR MasterMix	White	1 vial	1.2 mL	
	91-1084	Elution Buffer	Pink	1 vial	1.8 mL	
	650000074	Universal Oligo	White	1 vial	130 µL	
	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	
	650000066	Bead Resuspension Buffer	Black	1 vial	1 mL	
	91-1088	Sample Tag PCR1 Primer	Purple	1 vial	20 µL	
	91-1089	Sample Tag PCR2 Primer	Purple	1 vial	20 µL	
	91-1086	BD™ AbSeq Primer	Green	1 vial	70 µL	

Handling

Store the reagents at their specified storage temperatures. 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. To obtain SDSs for chemicals ordered from BD Biosciences, go to regdocs.bd.com or contact BD Biosciences technical support at researchapplications@bd.com.

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