## BD Rhapsody<sup>TM</sup> Assays

Reagent menu as of Feb 2025



#### BD Rhapsody™ Assays

#### BD Rhapsody™ Core Assays:

Gene Expression Analysis

#### Whole Transcriptome Analysis Workflows:

- WTA
- WTA + SMK
- WTA + AbSea
- WTA + AbSeq + SMK

#### Targeted mRNA Analysis Workflows:

- Targeted mRNA
- Targeted mRNA + SMK
- Targeted mRNA + AbSeq
- Targeted mRNA + AbSeg + SMK

Gene Regulation Analysis

#### ATAC-Seq Analysis Workflows:

- ATAC
- ATAC + SMK
- ATAC + WTA
- ATAC + WTA + SMK

Immune Repertoire Profiling **Analysis** 

#### TCR/BCR Analysis Workflows:

- TCR/BCR + WTA
- TCR/BCR + WTA + SMK
- TCR/BCR + WTA + AbSeq
- TCR/BCR + WTA + AbSeg + SMK
- TCR/BCR + Targeted mRNA
- TCR/BCR + Targeted mRNA + SMK
- TCR/BCR + Targeted mRNA + AbSeq
- TCR/BCR + Targeted mRNA + AbSeg + SMK

## Gene Expression Assays



### Single Cell WTA Assay – Standalone Workflow

Reagents for 4 samples run on BD Rhapsody™ Express System

1 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

1 x BD Rhapsody™ Cartridge Kit (633733)

1 x BD Rhapsody™ cDNA Kit (633773)

1 x BD Rhapsody™ Whole Transcriptome Analysis (WTA) Amplification Kit (633801) Reagents for 8 samples run on BD Rhapsody™ HT Xpress System

> 2 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

> > 1 x BD Rhapsody™ 8-Lane Cartridge (666262)

2 x BD Rhapsody™ cDNA Kit (633773)

2 x BD Rhapsody™ Whole Transcriptome Analysis (WTA) Amplification Kit (633801)

Sales BOMs discontinued





Existing PN

New PN



#### Single Cell Targeted Assay – Human Immune Response Panel

Reagents for 4 samples run on BD Rhapsody™ Express System

1 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

1 x BD Rhapsody™ Cartridge Kit (633733)

1 x BD Rhapsody™ cDNA Kit (633773)

1 x BD Rhapsody™ Targeted mRNA and AbSeq Amplification Kit (633774)

1 x BD Rhapsody™ Immune Response Panel HS (633750)\* Reagents for 8 samples run on BD Rhapsody™ HT Xpress System

> 2 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

> > 1 x BD Rhapsody™ 8-Lane Cartridge (666262)

2 x BD Rhapsody™ cDNA Kit (633773)

2 x BD Rhapsody™ Targeted mRNA and AbSeq Amplification Kit (633774)

2 x BD Rhapsody™ Immune Response Panel HS (633750)\*

Sales BOMs discontinued





Existing PN New PN



### Single Cell Targeted Assay – Human T Cell Expression Panel

Reagents for 4 samples run on BD Rhapsody™ Express System

> 1 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

1 x BD Rhapsody™ Cartridge Kit (633733)

1 x BD Rhapsody™ cDNA Kit (633773)

1 x BD Rhapsody™ Targeted mRNA and AbSeq Amplification Kit (633774)

1 x BD Rhapsody™ T Cell Expression Panel HS (633751)\*

Reagents for 8 samples run on BD Rhapsody™ HT Xpress System

> 2 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

> > 1 x BD Rhapsody™ 8-Lane Cartridge (666262)

2 x BD Rhapsody™ cDNA Kit (633773)

2 x BD Rhapsody™ Targeted mRNA and AbSeg Amplification Kit (633774)

2 x BD Rhapsody™ T Cell Expression Panel HS (633751)\*

Sales BOMs discontinued





Existing PN New PN



#### Single Cell Targeted Assay – Human Onco-BC Panel

Reagents for 4 samples run on BD Rhapsody™ Express System

1 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

1 x BD Rhapsody™ Cartridge Kit (633733)

1 x BD Rhapsody™ cDNA Kit (633773)

1 x BD Rhapsody™ Targeted mRNA and AbSeq Amplification Kit (633774)

1 x BD Rhapsody™ Onco-BC Panel HS (633752)\* Reagents for 8 samples run on BD Rhapsody™ HT Xpress System

> 2 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

> > 1 x BD Rhapsody™ 8-Lane Cartridge (666262)

2 x BD Rhapsody™ cDNA Kit (633773)

2 x BD Rhapsody™ Targeted mRNA and AbSeq Amplification Kit (633774)

2 x BD Rhapsody™ Onco-BC Panel HS (633752)\*

Sales BOMs discontinued





Existing PN New PN



#### Single Cell Targeted Assay – Mouse Immune Response Panel

Reagents for 4 samples run on BD Rhapsody™ Express System

> 1 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

1 x BD Rhapsody™ Cartridge Kit (633733)

1 x BD Rhapsody™ cDNA Kit (633773)

1 x BD Rhapsody™ Targeted mRNA and AbSeq Amplification Kit (633774)

1 x BD Rhapsody™ Immune Response Panel Mm (633753)\*

Reagents for 8 samples run on BD Rhapsody™ HT Xpress System

> 2 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

> > 1 x BD Rhapsody™ 8-Lane Cartridge (666262)

2 x BD Rhapsody™ cDNA Kit (633773)

2 x BD Rhapsody™ Targeted mRNA and AbSeg Amplification Kit (633774)

2 x BD Rhapsody™ Immune Response Panel Mm (633753)\*

Sales BOMs discontinued





Existing PN New PN



#### Single Cell Targeted Assay – Human or Mouse Custom Panel

Reagents for 4 samples run on BD Rhapsody™ Express System

> 1 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

1 x BD Rhapsody™ Cartridge Kit (633733)

1 x BD Rhapsody™ cDNA Kit (633773)

1 x BD Rhapsody™ Targeted mRNA and AbSeq Amplification Kit (633774)

1 x BD Rhapsody™ Custom Panel (633743)\*

Reagents for 8 samples run on BD Rhapsody™ HT Xpress System

> 2 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

> > 1 x BD Rhapsody™ 8-Lane Cartridge (666262)

2 x BD Rhapsody™ cDNA Kit (633773)

2 x BD Rhapsody™ Targeted mRNA and AbSeg Amplification Kit (633774)

1 x BD Rhapsody™ Custom Panel (633743)\*

Sales BOMs discontinued





Existing PN

New PN



## ATAC-Seq Assays



### Single Cell ATAC-Seq Assay – Standalone Workflow

Reagents for 8 samples run on BD Rhapsody™ Express System

2 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

2 x BD Rhapsody™ Cartridge Kit (633733)

1 x BD Rhapsody™ ATAC-Seq Tagmentation and Supplemental Reagents Kit (571201)

1 x BD Rhapsody™ ATAC-Seq Amplification Kit (571356) Reagents for 8 samples run on BD Rhapsody™ HT Xpress System

> 2 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

> > 1 x BD Rhapsody™ 8-Lane Cartridge (666262)

1 x BD Rhapsody™ ATAC-Seq Tagmentation and Supplemental Reagents Kit (571201)

1 x BD Rhapsody™ ATAC-Seq Amplification Kit (571356)

No Sales BOMs





Existing PN

New PN



#### Single Cell ATAC-Seq Assay – Multiomic Workflow

Reagents for 8 samples run on BD Rhapsody™ Express System

2 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

2 x BD Rhapsody™ Cartridge Kit (633733)

2 x BD Rhapsody™ cDNA Kit (633773)

2 x BD Rhapsody™ Whole Transcriptome Analysis (WTA) Amplification Kit (633801)

1 x BD Rhapsody™ ATAC-Seq Tagmentation and Supplemental Reagents Kit (571201)

1 x BD Rhapsody™ Multiomic ATAC-Seq Amplification Kit (571361)

No Sales BOMs



Reagents for 8 samples run on BD Rhapsody™ HT Xpress System

> 2 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

> > 1 x BD Rhapsody™ 8-Lane Cartridge (666262)

2 x BD Rhapsody™ cDNA Kit (633773)

2 x BD Rhapsody™ Whole Transcriptome Analysis (WTA) Amplification Kit (633801)

1 x BD Rhapsody™ ATAC-Seq Tagmentation and Supplemental Reagents Kit (571201)

1 x BD Rhapsody™ Multiomic ATAC-Seq Amplification Kit (571361)



# TCR/BCR Next Assays



#### Single Cell TCR/BCR Next Assay – Human WTA Workflow

Reagents for 4 samples run on BD Rhapsody™ Express System

1 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

1 x BD Rhapsody™ Cartridge Kit (633733)

1 x BD Rhapsody™ cDNA Kit (633773)

1 x BD Rhapsody™ Whole Transcriptome Analysis (WTA) Amplification Kit (633801)

1 x BD Rhapsody™ TCR/BCR Next Amplification Kit (667058) Sales BOMs available



Reagents for 8 samples run on BD Rhapsody™ HT Xpress System

> 2 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

> > 1 x BD Rhapsody™ 8-Lane Cartridge (666262)

2 x BD Rhapsody™ cDNA Kit (633773)

2 x BD Rhapsody™ Whole Transcriptome Analysis (WTA) Amplification Kit (633801)

2 x BD Rhapsody™ TCR/BCR Next Amplification Kit (667058)



#### Single Cell TCR/BCR Next Assay – Mouse WTA Workflow

Reagents for 4 samples run on BD Rhapsody™ Express System

> 1 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

1 x BD Rhapsody™ Cartridge Kit (633733)

1 x BD Rhapsody™ cDNA Kit (633773)

1 x BD Rhapsody™ Whole Transcriptome Analysis (WTA) Amplification Kit (633801)

1 x BD Rhapsody™ Mouse TCR/BCR Next Amplification Kit (667059)

Reagents for 8 samples run on BD Rhapsody™ HT Xpress System

> 2 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

> > 1 x BD Rhapsody™ 8-Lane Cartridge (666262)

2 x BD Rhapsody™ cDNA Kit (633773)

2 x BD Rhapsody™ Whole Transcriptome Analysis (WTA) Amplification Kit (633801)

2 x BD Rhapsody™ Mouse TCR/BCR Next Amplification Kit (667059)

Sales BOMs available





**Existing PN** 

New PN



### Single Cell TCR/BCR Next Assay – Human Targeted Workflow

Reagents for 4 samples run on BD Rhapsody™ Express System

1 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

1 x BD Rhapsody™ Cartridge Kit (633733)

1 x BD Rhapsody™ cDNA Kit (633773)

1 x BD Rhapsody™ Targeted mRNA and AbSeq Amplification Kit (633774)

1 x BD Rhapsody™ TCR/BCR Next Amplification Kit (667058)

1 x BD Rhapsody™ Immune Response Panel HS (633751)\* Reagents for 8 samples run on BD Rhapsody™ HT Xpress System

> 2 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

> > 1 x BD Rhapsody™ 8-Lane Cartridge (666262)

2 x BD Rhapsody™ cDNA Kit (633773)

2 x BD Rhapsody™ Targeted mRNA and AbSeq Amplification Kit (633774)

2 x BD Rhapsody™ TCR/BCR Next Amplification Kit (667058)

2 x BD Rhapsody™ Immune Response Panel HS (633751)\*

Sales BOMs available





Existing PN New PN



## Single Cell TCR/BCR Next Assay – Mouse Targeted Workflow

Reagents for 4 samples run on BD Rhapsody™ Express System

1 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

1 x BD Rhapsody™ Cartridge Kit (633733)

1 x BD Rhapsody™ cDNA Kit (633773)

1 x BD Rhapsody™ Targeted mRNA and AbSeq Amplification Kit (633774)

1 x BD Rhapsody™ Mouse TCR/BCR Next Amplification Kit (667059)

1 x BD Rhapsody™ Immune Response Panel Mm (633753)\* Reagents for 8 samples run on BD Rhapsody™ HT Xpress System

> 2 x BD Rhapsody™ Enhanced Cartridge Reagent Kit V3 (667052)

> > 1 x BD Rhapsody™ 8-Lane Cartridge (666262)

2 x BD Rhapsody™ cDNA Kit (633773)

2 x BD Rhapsody™ Targeted mRNA and AbSeq Amplification Kit (633774)

2 x BD Rhapsody™ Mouse TCR/BCR Next Amplification Kit (667059)

2 x BD Rhapsody™ Immune Response Panel Mm (633753)\*

Sales BOMs available





Existing PN New PN



## Ancillary Products



### **Ancillary Products**

#### BD® Catalog and Custom Products:

Sample Preparation and Preservation

**BD® OMICS-Guard Sample Preservation Buffer** (570911)

**BD® OMICS-Guard Sample Preservation Buffer Kit** (570908)

BD® AbSeq Enhancer Kit (570750)

BD® RNase Inhibitor (570751)

Sample Multiplexing

BD® Hu Single-Cell Multiplexing Kit (633781)

**BD® Ms Single-Cell** Multiplexing Kit (633793)

Custom BD® Single-Cell Multiplexing Set (626545)

Custom BD®Ms Nucleoporin P62 Sample Tags (46029X)

BD® Flex Single-Cell Multiplexing Kit A, Flex Sample Tag 1-6 (633849)

BD® Flex Single-Cell Multiplexing Kit C, Flex Sample Tag 13-18 (633851)

BD® Flex Single-Cell Multiplexing Kit B, Flex Sample Tag 7-12 (633850)

BD® Flex Single-Cell Multiplexing Kit D, Flex Sample Tag 19-24 (633852) Protein Expression Analysis

BD™ AbSeq Antibody-Oligonucleotide Conjugates (940XXX)

Custom BD® AbSeq Antibody-Oligonucleotide Conjugates (460XXX)

BD Rhapsody™ Intracellular AbSeq Buffer Kit (570742)

BD® OMICS-One Immune Profiler Panel (571970)

BD® OMICS-One B-cell Protein Panel (572179) BD® OMICS-One T-cell Protein Panel (572178)

BD® OMICS-One Adaptive Protein Panel (572241)





**Existing PN** 



