

BD Rhapsody™ 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 + AbSeq
- WTA + AbSeq + SMK

Targeted mRNA Analysis Workflows:

- Targeted mRNA
- Targeted mRNA + SMK
- Targeted mRNA + AbSeq
- Targeted mRNA + AbSeq + 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 + AbSeq + SMK
- TCR/BCR + Targeted mRNA
- TCR/BCR + Targeted mRNA + SMK
- TCR/BCR + Targeted mRNA + AbSeq
- TCR/BCR + Targeted mRNA + AbSeq + 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)

Sales BOMs discontinued

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)



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

* BD Rhapsody™ Panel Supplement (633742) can be added upon request.

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 AbSeq Amplification Kit (633774)
- 2 x BD Rhapsody™ T Cell Expression Panel HS (633751)*

Sales BOMs discontinued



Existing PN



New PN

* BD Rhapsody™ Panel Supplement (633742) can be added upon request.

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

* BD Rhapsody™ Panel Supplement (633742) can be added upon request.

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 AbSeq Amplification Kit (633774)
- 2 x BD Rhapsody™ Immune Response Panel Mm (633753)*

Sales BOMs discontinued



Existing PN



New PN

* BD Rhapsody™ Panel Supplement (633742) can be added upon request.

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 AbSeq Amplification Kit (633774)
- 1 x BD Rhapsody™ Custom Panel (633743)*

Sales BOMs discontinued

 Existing PN  New PN

* BD Rhapsody™ Panel Supplement (633742) can be added upon request.

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)

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)

No Sales BOMs

 Existing PN  New PN

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)

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)

Sales BOMs available

 Existing PN  New PN

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

* BD Rhapsody™ Panel Supplement (633742) can be added upon request.

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

* BD Rhapsody™ Panel Supplement (633742) can be added upon request.

Ancillary Products

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BD® Catalog and Custom Products:

