

# Advanta RNA-Seq NGS Library Prep Kit

**Kit Part Number: 101-9187**

## Purpose

The Advanta™ RNA-Seq NGS Library Prep Kit provides necessary reagents to support the preparation of NGS-ready libraries using 48.Atlas™ IFCs (integrated fluidic circuits) on Juno™. The kit contains sufficient reagents for 4 IFCs.

## Contents

### PN 101-9299, Advanta RNA-Seq NGS Library Prep Kit, Module 1

| Part Number | Component | Cap Color | Volume/Unit | Unit Quantity | Storage |
|-------------|-----------|-----------|-------------|---------------|---------|
| 101-9091    | TSO Mix   | ● Brown   | 50 µL/tube  | 1 tube        | -80 °C  |

### PN 101-9223, Advanta RNA-Seq NGS Library Prep Kit, Module 2

| Part Number | Component              | Cap Color     | Volume/Unit   | Unit Quantity | Storage |
|-------------|------------------------|---------------|---------------|---------------|---------|
| 101-9092    | N6                     | ● Pink        | 15 µL/tube    | 1 tube        | -20 °C  |
| 101-9093    | RT Buffer              | ● Red         | 50 µL/tube    | 1 tube        |         |
| 101-9094    | RT Enzyme              | ● Purple      | 24 µL/tube    | 1 tube        |         |
| 101-9095    | RNase Inhibitor        | ○ White       | 20 µL/tube    | 1 tube        |         |
| 101-9096    | DNA Polymerase         | ● Green       | 130 µL/tube   | 1 tube        |         |
| 101-9097    | PCR Buffer             | ○ Clear       | 3.5 mL/bottle | 1 bottle      |         |
| 101-9098    | Tris Buffer            | ● Orange      | 1.25 mL/tube  | 1 tube        |         |
| 101-9099    | PCR2 Primer            | ● Khaki       | 65 µL/tube    | 1 tube        |         |
| 101-9101    | Enhancer Buffer        | ○ Natural     | 100 µL/tube   | 1 tube        |         |
| 101-9079    | mRNA Binding Buffer    | ● Light Blue  | 1 mL/tube     | 1 tube        |         |
| 101-9080    | Pre-Capture Buffer     | ○ Clear       | 120 µL/tube   | 1 tube        |         |
| 101-9081    | Post-Capture Buffer    | ● Light Green | 1 mL/tube     | 1 tube        |         |
| 101-9300    | Harvest Reagent Type 1 | ○ White       | 3.7 mL/bottle | 2 bottles     |         |
| 101-9301    | Loading Reagent Type 1 | ● Yellow      | 200 µL/tube   | 1 tube        |         |

**PN 101-9302, Advanta RNA-Seq NGS Library Prep Kit, Module 3**

| Part Number | Component                 | Cap Color | Volume/Unit | Unit Quantity | Storage |
|-------------|---------------------------|-----------|-------------|---------------|---------|
| 101-9100    | Nuclease-Free Water       | ● Clear   | 5 mL/bottle | 1 bottle      |         |
| 101-9102    | 3' PCR Primer HT Index 1  | ● Red     | 15 µL/tube  | 1 tube        |         |
| 101-9103    | 3' PCR Primer HT Index 2  | ● Red     | 15 µL/tube  | 1 tube        |         |
| 101-9104    | 3' PCR Primer HT Index 3  | ● Red     | 15 µL/tube  | 1 tube        |         |
| 101-9105    | 3' PCR Primer HT Index 4  | ● Red     | 15 µL/tube  | 1 tube        |         |
| 101-9106    | 3' PCR Primer HT Index 5  | ● Red     | 15 µL/tube  | 1 tube        |         |
| 101-9107    | 3' PCR Primer HT Index 6  | ● Red     | 15 µL/tube  | 1 tube        |         |
| 101-9108    | 3' PCR Primer HT Index 7  | ● Red     | 15 µL/tube  | 1 tube        |         |
| 101-9109    | 3' PCR Primer HT Index 8  | ● Red     | 15 µL/tube  | 1 tube        |         |
| 101-9110    | 5' PCR Primer HT Index 1  | ● Blue    | 15 µL/tube  | 1 tube        | -20 °C  |
| 101-9111    | 5' PCR Primer HT Index 2  | ● Blue    | 15 µL/tube  | 1 tube        |         |
| 101-9112    | 5' PCR Primer HT Index 3  | ● Blue    | 15 µL/tube  | 1 tube        |         |
| 101-9113    | 5' PCR Primer HT Index 4  | ● Blue    | 15 µL/tube  | 1 tube        |         |
| 101-9114    | 5' PCR Primer HT Index 5  | ● Blue    | 15 µL/tube  | 1 tube        |         |
| 101-9115    | 5' PCR Primer HT Index 6  | ● Blue    | 15 µL/tube  | 1 tube        |         |
| 101-9116    | 5' PCR Primer HT Index 7  | ● Blue    | 15 µL/tube  | 1 tube        |         |
| 101-9117    | 5' PCR Primer HT Index 8  | ● Blue    | 15 µL/tube  | 1 tube        |         |
| 101-9118    | 5' PCR Primer HT Index 9  | ● Blue    | 15 µL/tube  | 1 tube        |         |
| 101-9119    | 5' PCR Primer HT Index 10 | ● Blue    | 15 µL/tube  | 1 tube        |         |
| 101-9120    | 5' PCR Primer HT Index 11 | ● Blue    | 15 µL/tube  | 1 tube        |         |
| 101-9121    | 5' PCR Primer HT Index 12 | ● Blue    | 15 µL/tube  | 1 tube        |         |

**PN 101-9308, Advanta RNA-Seq NGS Library Prep Kit, Module 4**

| Part Number | Component     | Cap Color   | Volume/Unit | Unit Quantity | Storage |
|-------------|---------------|-------------|-------------|---------------|---------|
| 101-9076    | RNA Seq Beads | ● Light Tan | 150 µL/tube | 1 tube        | 4 °C    |

## Handling

Before using the reagents, see the Advanta RNA-Seq NGS Library Prep Kit Protocol (FLDM-101-9257).

## Safety

Use standard laboratory safety protocols. Read and understand the safety data sheets (SDSs) before handling chemicals. To obtain SDSs, go to [fluidigm.com/sds](http://fluidigm.com/sds) and search for the SDS using either the product name or the part number.

### For technical support visit [techsupport.fluidigm.com](http://techsupport.fluidigm.com).

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