

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 4 IFCs and sufficient reagents to process them.

Contents

Control Line Fluid and IFCs

Part Number	Component	Volume/Unit	Unit Quantity	Storage
101-9307	Control Line Fluid	150 µL/syringe	8 syringes	Room temperature
101-9303	48.Atlas™ IFC	—	4 IFCs	Room temperature

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 (of 4) bottles	
101-9301	Loading Reagent Type 1	● Yellow	200 µL/tube	1 tube	
101-9755	qPCR Primer Premix	● Blue	70 µL/tube	1 tube	

For Research Use Only. Not for use in diagnostic procedures.

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	-20 °C
101-9300	Harvest Reagent Type 1	○ White	3.7 mL/bottle	2 (of 4) bottles	
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	
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	mRNA 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 and search for the SDS using either the product name or the part number.

For technical support visit techsupport.fluidigm.com.

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