

## Hygiena™ Prep Xpress

### Consumables Guide

Hygiena's modular Prep Xpress provides liquid handling automation for a variety of PCR processes. The Consumables Guide below details the required, protocol-specific accessories.

Protocol	Accessory	Description	Total	SKU
<b>All Protocols</b>	Plate	Hygiena Cluster Tube Green Rack Adapter, 1.1 mL	10 (10 included in startup pack)	MIS2103
<b>Prep-Lysis Solution (6 racks)</b>	Reservoir	Vblock 200 mL Open Reservoir, V-bottom, Clear PP	1	MIS2104
	Tips	300 µL Framed Conductive Filtered (5 racks per sleeve – 12 sleeves per case)	Dependent on Volume	MIS2082
<b>Prep-BHI Solution (5 racks)</b>	Reservoir	Seahorse-Agilent, Reservoir, 1 cavity, 8 rows, 290 mL	1	MIS2111
	Tips	1,000 µL Framed Conductive Filtered (5 racks per sleeve – 8 sleeves per case)	Dependent on Volume	MIS2108
<b>Transfer-5 uL Cluster Tube to Cluster Tube</b>	Pedestal	Conductive Tip Pedestal	1 (1 included in startup pack)	MIS2113
<b>Transfer-20 uL Cluster Tube to Cluster Tube</b>	Tips	50 µL Framed Conductive Filtered (5 racks per sleeve – 12 sleeves per case)	Dependent on Volume	MIS2107
<b>Hydrate-30 uL-Lysate to PCR</b>	Racks	Eppendorf PCR Cooler, 200 µl, Strip-Well, PCR, White Well	2	MIS2109
<b>Hydrate-50 uL-Lysate to PCR</b>	Tips	50 µL Framed Conductive Filtered (5 racks per sleeve – 12 sleeves per case)	Dependent on Volume	MIS2107
<b>Hydrate-30 uL-Lysate to PCR SINGLE</b>				
<b>Hydrate-50 uL-Lysate to PCR SINGLE</b>	Pedestal	Conductive Tip Pedestal	1 (1 included in startup pack)	MIS2113

# Hygiena™ Prep Xpress

## Tip Utilization Guide

Hygiena's modular Prep Xpress provides liquid handling automation for a variety of PCR processes utilizing protocol-specific tips. The Tip Utilization Guide below details the tip volumes, applications, and throughput recommendations.

Tip Volume	50 µL (MIS2107)
Protocol	<b>Transfer-Cluster tube to Cluster tube &amp; Hydrate-Lysate to PCR</b>
Tips Per Sleeve	1 sleeve = 5 racks of 96 tips in 8x12 strips (480 tips)
Sleeve Throughput	1 Rack (96 tips ) = 96 samples (1 rack transfer or hydrate)
	1 Strip (8 tips) = 8 samples
	1 Sleeve (480 tips) = 480 samples (5 racks transfer or hydrate)
Tips Per Case	1 Case (5,760 tips) = 12 sleeves of 5 racks of 96 tips in 8x12 strips
Case Throughput	1 Case = 5,760 samples (60 racks transfer or hydrate)

Tip Volume	300 µL (MIS2082)
Protocol	<b>Prep-Lysis Solution (6 racks)</b>
Tips Per Sleeve	1 sleeve = 5 racks of 96 tips in 8x12 strips (480 tips)
Sleeve Throughput	1 Strip (8 tips) = 576 samples (6 racks lysis buffer)
	1 Rack (96 tips ) = 6,912 samples (72 racks lysis buffer)
	1 Sleeve (480 tips) = 34,360 samples (360 racks lysis buffer)
Tips Per Case	1 Case (5,760 tips) = 12 sleeves of 5 racks of 96 tips in 8x12 strips
Case Throughput	1 Case = 414,720 samples (4,320 racks lysis buffer)

Tip Volume	1000 µL (MIS2108)
Protocol	<b>Prep-BHI Solution (5 racks)</b>
Tips Per Sleeve	1 sleeve = 5 racks of 96 tips in 8x12 strips (480 tips)
Sleeve Throughput	1 Strip (8 tips) = 480 samples (5 racks BHI solution)
	1 Rack (96 tips ) = 5,760 samples (60 racks BHI solution)
	1 Sleeve (480 tips) = 28,000 samples (300 racks BHI solution)
Tips Per Case	1 Case (3,840 tips) = 8 sleeves of 5 racks of 96 tips in 8x12 strips
Case Throughput	1 Case = 230,400 samples (2,400 racks BHI solution)

For additional Prep Xpress protocol information or technical support contact:  
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For pricing or ordering information, contact your local Hygiena customer service or sales representative, or [contact us on our website](#).