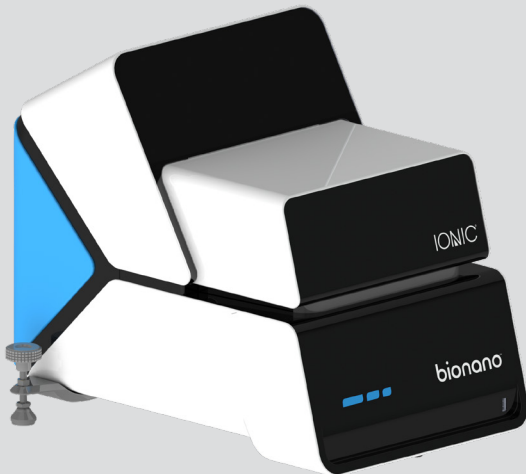




Ionic® Purification System Sales Support Package



Ionic® Purification System

The revolutionary Ionic Purification System utilizes isotachopheresis (ITP) to extract, purify, and concentrate nucleic acid from biological samples. Nucleic acids extracted by the system are pure, abundant, and ready to use in just 60 minutes.





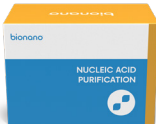

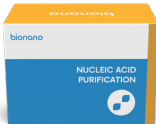


Ionic® Fluidic Chip and Kits

Ionic Kits and protocols support purification of specific sample types and are required for use with the Ionic Purification System. Purification protocols are developed and validated to maximize purification yield and quality with minimal manual steps.

Ionic® Purification System Configuration

Products

Product	Part No.	Configuration	Includes
 Ionic® Purification System	44001	Standard	Power cord, installation, warranty
 Ionic System Installation Kit	33001	3-Chip Set	Fluidic chip, room temp reagents, -20°C reagents
Ionic System Cleaning Kit	44002	2-Chip Set (1 cleaning cycle)	Cleaning chip, room temp reagents
 Ionic G2 FFPE to DNA Kit	90164	6-Chip Kit	Fluidic chips, room temp reagents, -20°C reagents
	90165	1-Chip Kit	Fluidic chips, room temp reagents, -20°C reagents
	90166	3-Chip Training Kit	Fluidic chips, room temp reagents, -20°C reagents, reference samples, labware
 Ionic G2 FFPE to RNA Kits	90167	6-Chip Kit	Fluidic chips, room temp reagents, -20°C reagents
	90168	1-Chip Kit	Fluidic chips, room temp reagents, -20°C reagents
	90169	3-Chip Training Kit	Fluidic chips, room temp reagents, -20°C reagents, reference samples, labware
 Ionic G2 FFPE Complete Kits	90170	6-Chip Kit	Fluidic chips, room temp reagents, -20°C reagents
	90171	1-Chip Kit	Fluidic chips, room temp reagents, -20°C reagents
	90172	3-Chip Training Kit	Fluidic chips, room temp reagents, -20°C reagents, reference samples, labware
 Ionic G2 Tissue to DNA Kits	90173	6-Chip Kit	Fluidic chips, room temp reagents, -20°C reagents
	90174	1-Chip Kit	Fluidic chips, room temp reagents, -20°C reagents
	90175	3-Chip Training Kit	Fluidic chips, room temp reagents, -20°C reagents, reference samples, labware
 Ionic Cells to Pure DNA (v1)	33005	6-Chip Kit	Fluidic chips, room temp reagents, -20°C reagents
	33008	1-Chip Kit	Fluidic chips, room temp reagents, -20°C reagents
	33002	3-Chip Training Kit	Fluidic chips, room temp reagents, -20°C reagents, reference samples, labware

Warranty Information

Product	Term	Included
Ionic® Purification System	12 months	<ul style="list-style-type: none"> Initial response within 8 business hours On-site response within 3 business days Minimum 90-day warranty on replacement parts Parts, materials On-site labor Priority phone and email support Remote support sessions Software upgrades

Service Contracts

Plan	Includes	Term	Part No.
Comprehensive Service Plan	<ul style="list-style-type: none"> 1 planned maintenance visit Initial response within 8 business hours On-site response within 3 business days Minimum 90-day warranty on replacement parts Parts, materials On-site labor, per diem charges 	12 months	44900
Planned Maintenance-only Plan	<ul style="list-style-type: none"> 1 planned maintenance visit Initial response within 12 business hours On-site response within 5 business days 90-day warranty on all replacement parts 10% discount on Parts and Materials 10% discount on On-site labor, per diem charges Standard Phone and email support Remote support sessions Software upgrades 	12 months	44901
Time and Materials Service	<ul style="list-style-type: none"> Hourly service work 	N/A	44902

Ionic System Specifications

Operating Environment		
Temperature: 15 to 25°C	Humidity 30 to 70% relative humidity, non-condensing	
Dimensions and Weight (includes leveling platform)		
Height: 42.4 cm / 16.7 in	Width: 41.9 cm / 16.5 in	
Depth: 48.9 cm / 19.3 in	Weight: 24.5 kg / 54 lb	
Facility Requirements	North America / UL	Europe / CE
Power	120 VAC 60 Hz, 2.5 A	230 V [~] 50 Hz, 1.0 A
Power consumption	300 watts	300 watts
Regulatory Compliance	North America / UL	Europe / CE
Compliance	<ul style="list-style-type: none"> 61010 CFR title 47, sub part B of part 15 / ICES-003, Issue 6 	<ul style="list-style-type: none"> EN61010-1:2010 EN 61326-1-2013 WEEE Directive 76/769/EC

Fluidic Chip Specifications

Dimensions		Working Volumes		Storage Handling	
Height	14.53 mm / 0.57 in	Sample well volume	200 µL (typical)	Temperature	15 – 32°C
Width	85.48 mm / 3.37 in	Buffer well volume	Varies by protocol, sample type	Packaging	In sealed, static dissipative, bag
Length	127.76 mm / 5.03 in	Elution well volume	40 µL (typical)	Handling	With disposable gloves, avoiding contact with surface
Dispense depth	3 mm below surface				

Useful Links

Technical Documentation:

<https://www.purigenbio.com/support/documentation>

Ionic System

- Ionic System Specification Sheet
- Ionic Instrument Site Preparation Guide
- Ionic Instrument User Guide
- Ionic Instrument Virtual Installation Guide

Ionic G2 FFPE to DNA Kit

- Ionic FFPE to Pure DNA Kit Product Insert
- Ionic FFPE to Pure DNA Kit Protocol

Ionic G2 FFPE to RNA Kit

- Ionic FFPE to Pure RNA Kit Product Insert
- Ionic FFPE to Pure RNA Kit Protocol

Ionic G2 FFPE Complete Kit

- Ionic FFPE Complete Purification Kit Product Insert
- Ionic FFPE Complete Purification Kit Protocol

Ionic G2 Tissue to DNA Kit

- Ionic Tissue to Pure DNA Kit Product Insert
- Ionic Tissue to Pure DNA Kit Protocol

Ionic Cells to Pure RNA – Low Input Kit (v1)

- Ionic Cells to Pure DNA – Low Input Kit Product Insert
- Ionic Cells to Pure DNA – Low Input Kit Protocol

Commercial Documentation:

<https://www.purigenbio.com/resources/literature>

- Ionic System Brochure
- Proof-of-Performance Flyer

Customer Presentations

<https://purigenbio.box.com/s/ndaxnwlwj6t6f3ohg80mh9rqouq4qc26>

Contact your Bionano Regional Business Manager to get started.



To order, please contact orders@bionano.com or



Call **1.858.888.7600** or contact your sales person directly.

For Research Use Only. Not for use in diagnostic procedures.
Bionano™ and Ionic® are trademarks of Bionano Genomics, Inc.
All other trademarks are the sole property of their respective owners.
© 2023 Bionano Genomics, Inc.

LIT-00003_Rev A_Sales Support Guide_Effective Date 04/21/2023

bionano™