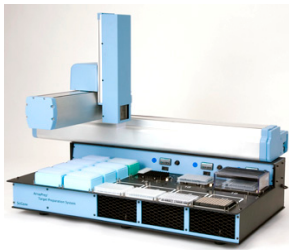




ArrayPrep® Target Preparation System



ArrayPrep Target Preparation System.

Uniquely designed for preparing microarray samples using Agilent, Roche or Oxford Gene Technology (OGT) and other labeling chemistries. Automates DNA labeling, purification, hybridization sample preparation and slide loading of 8 to 96 samples. Universal pipetting head¹ performs single and eight tip dispensing as well as plate movement. Equipped with three Peltier heating/cooling blocks² with removable heated lids.

For Research Use Only

- Enhances the quality and repeatability of test results
- Reduces handling errors and patient sample mix ups
- Reduces labor costs by increasing samples processed per technician
- Single tip dispensing lowers reagent cost per sample
- Less than 30 minutes hands-on time per run
- Integrated plate heating eliminates thermal cyclers
- Integrated plate cooling protects expensive reagents and precious samples
- Automates troublesome hybridization set up and array loading
- Simple temperature validation for CLIA certification

PRODUCT	CATALOG #
ArrayPrep Target Preparation System, 115V.	2000-00-1
ArrayPrep Target Preparation System, 230V.	2000-00-2
ACCESSORIES	CATALOG #
ArrayPrep Labware Starter Pack.	2000-80-5
ArrayPrep Tip, 250 µl, 96 tips/rack.	2000-80-0
ArrayPrep Tip, 50 µl, 96 tips/rack.	2000-80-1
ArrayPrep PCR Incubation Plate, 96 well.	2000-81-0
ArrayPrep PCR Plate Sealer.	2000-81-1
ArrayPrep Sealing Film Roller.	2000-81-2
ArrayPrep Round Bottom Plate, 96 well.	2000-81-3
ArrayPrep 12 Channel Reagent Reservoir.	2000-82-1
ArrayPrep Open Reagent Reservoir.	2000-82-2
ArrayPrep Magnetic Bead Wash Buffer I, 50 ml.	2000-11-1
ArrayPrep Magnetic Bead Elution Buffer I, 50 ml.	2000-12-1
Magnetic Bead Binding Enhancer (10X), 50 µL.	2000-13-1
Magnetic-ring stand, 96 well.	2000-83-0
Digital Thermometer with NIST certificate.	1051-52-0

SPECIFICATION	DESCRIPTION
Equipment Included	ArrayPrep instrument with operating software, laptop computer and digital thermometer with NIST certificate.
Electrical	
Cat # 2000-00-1	115V AC, 50/60Hz, 8A
Cat # 2000-00-2	230V AC, 50/60 Hz; 4A
Dimensions (HxWxD)	33 x 50 x 27 inches (84 x 127 x 69 cm)
Instrument Weight	173 lbs (79 kg) net
Deck Layout	3 temperature controlled blocks 15 ambient plate and tip positions
Performance and Controls	
Temperature Range	4.0°C to 99.0°C (temperature controlled blocks)
Temperature Regulation	± 0.2°C from set point
Pipetting Range	1 to 250 µl
Pipetting Precision	< 10% C.V.

RELATED PRODUCT	DESCRIPTION
Little Dipper Processor	Automates washing and drying of microarrays and FISH slides
Mai Tai Hybridization System	Hybridization of Agilent Arrays using Mai Tai Cassettes
NoZone WS Workspace	Ozone control for Little Dipper Processor
NoZone TL Workspace	Ozone control for Agilent Microarray Scanner
NoZone GP Workspace	Ozone control for GenePix or Innopsys scanners

PUB #	PUBLICATIONS	TYPE
516	ArrayPrep Target Preparation System Manual	Manual

1 US patent no. US 8,007,741 B1 issued.
2 Patent pending.

Success Story



"We normally limit technologists to processing 8 patient samples at a time to ensure test reliability. In 2010, as our sample volume continued to increase, we investigated additional ways to automate our array processing, opting with the ArrayPrep Target Preparation System from SciGene. Now each technician can process up to 48 patient samples; dramatically increasing our sample processing capacity."

- **Christa Lese Martin, PhD**, Associate Professor and Operations Director, Emory Genetics Laboratory

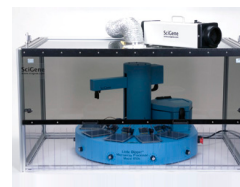
Related Products



Little Dipper Processor



Mai Tai® System



NoZone® WS Workspace with Little Dipper inside



NoZone® TL Workspace with scanner inside

