

Real Biotech Corporation

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HiYield™ 96-Well Vacuum Manifold Protocol Book

Compatible with all RBC 96-well kits

Designed for the vacuum filtration of the 96-well filter plates

Cat. No. **YVM96**

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HiYield™ 96-Well Vacuum Manifold

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HiYield™ 96-Well Vacuum Manifold



► Vacuum top plate with aperture for 96-well plate



- 1 Vacuum release valve
- 2 Vacuum pressure regulating knob
- 3 Vacuum pressure gauge
- 4 Vacuum metering valve

Materials of Construction: Vacuum Manifold: Anodized aluminum

Dimensions: Length: 6.89 in. (17.50 cm)

Width: 4.88 in. (12.40 cm)

Height: 3.23 in. (8.20 cm)

Weight: 5.42 lbs (2.46 kg)

Maximum Operating Vacuum: 20 in. Hg / 50 cm Hg

Description

HiYield™ 96-Well Vacuum Manifold is designed for efficient processing of all RBC 96-well kits. The 96-well vacuum-driven purification module allows samples and buffers to be quickly drawn through the wells. This allows samples to be drawn from one module to the next, avoiding time-consuming labeling and transfer steps.

Features

Parallel sample processing using 96-well plates.

Reduced sample handling and accelerated processing.

Easy cleaning by simply separating top plate and the base.

Applications

HiYield™ 96-Well Vacuum Manifold is compatible with all RBC 96-well series of products, including HiYield™ 96-Well Gel/PCR DNA Extraction Kit, HiYield™ 96-Well Plasmid Kit, HiYield™ 96-Well Genomic DNA Extraction Kit, HiYield™ 96-Well Total RNA Extraction Kit and HiYield™ 96-Well SEQ Dye Clean Up Kit. HiYield™ 96-Well Vacuum Manifold could also be used with multi-well plates that meet the specifications set forth by the ANSI/SBS X-2004.

Quality Control

The performance of HiYield™ 96-Well Vacuum Manifold is monitored routinely on a lot-to-lot. All components are tested separately to ensure highest performance and reliability.

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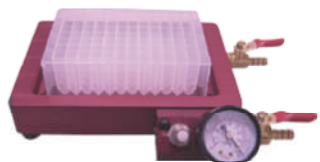
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HiYield™ 96-Well Vacuum Manifold

Important Things Before Starting

- 1) Always place HiYield™ 96-Well Vacuum Manifold on a secure bench top or work area. If dropped, HiYield™ 96-Well Vacuum Manifold may crack.
- 2) Always use caution and wear safety glasses when working near a vacuum manifold under pressure.

Instructions For Use



Step 1. Place a new 96-Well 2 ml Deep-Well Plate (Cat No. YDP96) into the base of HiYield™ 96-Well Vacuum Manifold.



Step 2. Place the vacuum top plate onto the base of HiYield™ 96-Well Vacuum Manifold.



Step 3. Connect vacuum source and HiYield™ 96-Well Vacuum Manifold with vacuum tubing.

Step 4. Make sure Vacuum Release Valve is in "off" condition.

Step 5. Place optimal 96-well plate onto vacuum top plate and make sure that the outlet nozzles of the plate line up with the vacuum top plate.

Step 6. Refer to the kit handbook for optimal vacuum.

Handling Guidelines

1. Always store HiYield™ 96-Well Vacuum Manifold clean and dry. To clean, simply rinse all components with distilled water and allow to air dry with paper towels.
2. Contact Real Biotech Corporation Technical Services or your local distributor for information concerning spare or replacement parts.

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Ordering Information

96-Well Series		Cat.No.	Size	Items	Contents
	Genomic DNA	YGB96B-2	-	HiYield™ 96-Well Genomic DNA Extraction Kit	2 pcs/plate, (GB, GT, Wash, W1, Elution) Buffer, Adhesive Film, Proteinase K, etc.
		YGB96B-4	-	HiYield™ 96-Well Genomic DNA Extraction Kit	4 pcs/plate, (GB, GT, Wash, W1, Elution) Buffer, Adhesive Film, Proteinase K, etc.
		YGB96B-10	-	HiYield™ 96-Well Genomic DNA Extraction Kit	10 pcs/plate, (GB, GT, Wash, W1, Elution) Buffer, Adhesive Film, Proteinase K, etc.
	Plasmid DNA	YPD96B-2	-	HiYield™ 96-Well Plasmid Kit	2 pcs/plate, (PD1, PD2, PD3, Wash, Elution) Buffer, Adhesive Film, RNase A, etc.
		YPD96B-4	-	HiYield™ 96-Well Plasmid Kit	4 pcs/plate, (PD1, PD2, PD3, Wash, Elution) Buffer, Adhesive Film, RNase A, etc.
		YPD96B-10	-	HiYield™ 96-Well Plasmid Kit	10 pcs/plate, (PD1, PD2, PD3, Wash, Elution) Buffer, Adhesive Film, RNase A, etc.
		YDC96B-2	-	HiYield™ 96-Well SEQ Dye Clean Up Kit	2 pcs/plate, (96-Well Dye Remove Plate, Collection) Plate, Dye Wash Buffer, Adhesive Film, etc.
		YDC96B-4	-	HiYield™ 96-Well SEQ Dye Clean Up Kit	4 pcs/plate, (96-Well Dye Remove Plate, Collection) Plate, Dye Wash Buffer, Adhesive Film, etc.
		YDC96B-10	-	HiYield™ 96-Well SEQ Dye Clean Up Kit	10 pcs/plate, (96-Well Dye Remove Plate, Collection) Plate, Dye Wash Buffer, Adhesive Film, etc.
	DNA Fragment	YDF96B-2	-	HiYield™ 96-Well Gel/PCR DNA Extraction Kit	2 pcs/plate, (Binding, Wash, Elution) Buffer, Adhesive Film, etc.
		YDF96B-4	-	HiYield™ 96-Well Gel/PCR DNA Extraction Kit	4 pcs/plate, (PD1, PD2, PD3, Wash, Elution) Buffer, Adhesive Film, etc.
		YDF96B-10	-	HiYield™ 96-Well Gel/PCR DNA Extraction Kit	10 pcs/plate, (PD1, PD2, PD3, Wash, Elution) Buffer, Adhesive Film, etc.
	Total RNA	YRB96B-2	-	HiYield™ 96-Well Total RNA Extraction Kit	2 pcs/plate, (RB, Wash, W1) Buffer, Adhesive Film, etc.
		YRB96B-4	-	HiYield™ 96-Well Total RNA Extraction Kit	4 pcs/plate, (RB, Wash, W1) Buffer, Adhesive Film, etc.
		YRB96B-10	-	HiYield™ 96-Well Total RNA Extraction Kit	10 pcs/plate, (RB, Wash, W1) Buffer, Adhesive Film, etc.
	Accessories	YVM96	-	HiYield™ Vacuum Manifold	Maximum Operating Vacuum: 28 in. Hg
		YDP96	-	96-Well 2 ml Deep-Well Plate	2 pcs/plate
YWP96		-	96-Well 1.6 ml Waste Plate	1 pc/plate	