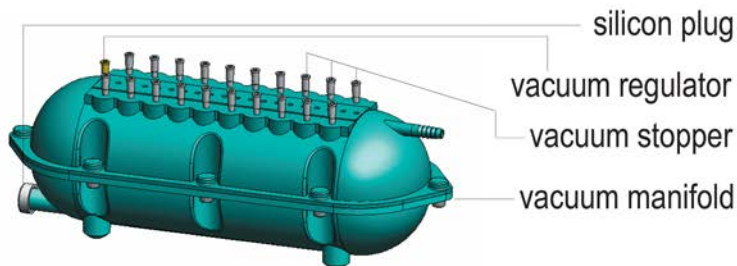


AxyVac II Vacuum Manifold

AxyVac Components

Cat. No.	AP-VM-II
Vacuum manifold	1
Silicon plug	1
Vacuum regulator	1
Vacuum stopper	20
Protocol manual	1



Introduction

The AxyVac II Vacuum Manifold System provides a complete solution for filtration-type sample purification. It is designed for fast and efficient vacuum processing of up to 20 Axygen spin/vac columns in parallel. Samples and wash solutions are drawn through the column membranes by vacuum instead of centrifugation, providing greater speed and reduced hands-on time in purification procedures.

Miniprep/Midiprep/Maxiprep columns and relevant filters can be inserted directly into the slots of the AxyVac II Vacuum Manifold. It is essential to use a connector between the column and slot of manifold when use clinical samples, like blood, body fluid and so on.

The vacuum manifold and accessories are injection molded from PP plastic except silicon plug which is made by silicon. With a brief rinse after use and proper care, your AxyVac II Vacuum Manifold will provide many years of trouble-free service.

Supplied by customer

An appropriate length of thick-walled, ¼ inch ID tubing.
Vacuum source.

Setup and procedure

Each AxyPrep kit protocol will provide detailed instructions for the use of various columns on the AxyVac manifold.

1. Place the manifold on a flat, planar surface, ensuring that the rows of slots is upturned and the lower outlet is closed by silicon plug. Place the vacuum regulator in the relevant slot.
2. Connect the upper threaded vacuum outlet of the manifold to a vacuum source using a section of thick-walled PVC tubing (¼ inch ID).
3. Place the columns or filters into the slots on the both sides of the manifold. If there is any slots without columns or filters, make sure there is a stopper inserted.

Note: It is essential to use a connector between the column and the slot of manifold when use clinical samples, like blood, body fluid and so on.

Note: The slots except last one in the middle row of slots are not connected into manifold chamber. They are only used to keep the stoppers when they are not used on both sides rows of slots.

4. Turn on the vacuum source and follow the procedure according to the protocol of purification kit.
5. After the purification procedure of the protocol, turn off the vacuum source and pull out the vacuum regulator. And then you can unload the columns or filters.
6. After processing samples, clean the manifold (see "Cleaning and Decontaminating").

Cleaning and Decontaminating

The AxyVac II Vacuum Manifold should be regularly cleaned to maintain optimum performance. Perform the cleaning procedure after each use to avoid sample contamination.

1. Unload the columns or filters. Disconnect the manifold from the vacuum source.
2. Remove the vacuum regulator, stopper from the manifold.
3. Open the lower outlet and allow liquid waste to drain out of the manifold.
4. Rinse the inside and outside of the vacuum manifold and associated components with tap water and followed by room temperature distilled water. when rinse the inside of the vacuum manifold, use a hose fitted to douche by the upper threaded inlet of the manifold, and allow liquid waste drain out of the manifold by the lower outlet.
5. Allow the manifold and associated components to air-dry under ambient conditions after washing and rinsing.

For technical inquiries about AxyPrep Kits, please contact Axygen Biosciences at help@axygen.com

Warranty/Disclaimer

AxyPrep Kits are designed for R&D and general laboratory use only. Axygen Biosciences makes no claims regarding the performance of these kits for clinical or diagnostic applications. Axygen Biosciences warrants that this kit will perform as indicated for the specified application for a period of up to 12 months from the date of receipt when stored in the specified manner and used according to the instructions provided. In using this product, the customer agrees that Axygen Biosciences shall not be held liable for any direct or indirect damages, including, but not limited to, personal injury, property damage or lost profits (or other economic loss) resulting from the use or inability to use this product. In the event that this product fails to perform in the specified manner, remedial measures on the part of Axygen Biosciences shall be limited to the replacement of this product and will be implemented at the discretion of Axygen Biosciences.