

# Vortex Adapter-60

**Catalog # (P/N):** AM10014

**Product Description:** The Ambion® Vortex Adapter-60 enables hands-free mixing for up to 60 microcentrifuge tubes or one 96-well plate. It is required for use with the MELT™ Total RNA Isolation System (P/N AM1983) to facilitate adequate sample disruption/digestion. The Vortex Adapter-60 is compatible with the Vortex-Genie® 2, and 2T mixers and the VWR® Mini Vortex.

The Vortex Adapter-60 includes a snap-on 6-inch platform adapter and two foam inserts. One insert holds up to 60 microcentrifuge tubes, while the other holds a single standard 96-well plate. The inserts are made of high-density foam that is designed to return to its original shape after repeated use. The microtube holder can accommodate most common microcentrifuge tube sizes without distortion.

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## USER INFORMATION

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### Applications:

### Instructions for Using the Vortex Adapter-60

1. With the vortex mixer power in the "OFF" position, remove the installed attachment by pulling it straight up.
2. Place the 6-inch platform on the post of the vortex mixer, aligning the cutout on the 6-inch platform with the inverse cutout on the vortex mixer post, and press down firmly to snap the platform into place.
3. Place the microcentrifuge tube or microplate holder on the platform and press down firmly around the entire edge of the insert to ensure that it is securely seated within the platform base.  
When using the **microcentrifuge holder**, insert the tubes fully into the vortex adapter so that their caps rest on the holder, for optimal mixing.  
When using the **microplate holder**, ensure that all edges of the microplate are securely seated to prevent dislocation during operation.
4. Use the vortex mixer at a maximum setting of 7 to avoid causing vortexer instability on the laboratory bench.
5. The Vortex Adapter-60 components will pop off easily when lifted straight up off the vortex mixer. They snap on again just as easily by aligning and then pressing down.

### Care and Handling

- Note: Heat from the motor can increase the temperature of solutions in microplate wells if the vortexer is run continuously for more than 30 minutes.
- The 6-inch platform attachment is made of chemically resistant thermoplastic that is impervious to most chemicals, however, we recommend blotting spills quickly.
- The microcentrifuge tube and microplate holders are made of high-density foam which is protected by a film to prevent absorption of aqueous solutions. However, immediately clean up acids, bases, or organics that spill onto the foam inserts to prevent damage to the material.

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## QUALITY CONTROL

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Each lot of the Vortex Adapter-60 is inspected for structural and mechanical flaws.

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## OTHER INFORMATION

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### Material Safety Data Sheets:

Material Safety Data Sheets (MSDSs) can be printed or downloaded from product-specific links on our website at the following address: [www.ambion.com/techlib/msds](http://www.ambion.com/techlib/msds). Alternatively, e-mail your request to [MSDS\\_Inquiry\\_CCRM@appliedbiosystems.com](mailto:MSDS_Inquiry_CCRM@appliedbiosystems.com). Specify the catalog or part number(s) of the product(s), and we will e-mail the associated MSDSs unless you specify a preference for fax delivery. For customers without access to the internet or fax, our technical service department can fulfill MSDS requests placed by telephone or postal mail. (Requests for postal delivery require 1–2 weeks for processing.)

### Warranty and Liability:

**For research use only. Not for use in diagnostic procedures.**

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