



## ***Centrifugal Filter Units*** ***10,000 MW Cut-off***

**Catalog Number:** MW003

**Size:** 50 units/pack

### ***Specifications and Use***

#### **Description**

- ◆ Centrifugal filter units offering a rapid and reliable concentrating procedure.
- ◆ For sample preparation volumes of 50 - 500  $\mu$ L.
- ◆ Typical recoveries are > 90%.
- ◆ These filter units can be used with fixed angle rotors that accept 1.5 mL tubes and a maximum centrifugal force of 14,000 x g.
- ◆ Constructed of a low protein-binding, modified polyethersulfone on polyethylene substrate in a polypropylene receiver.

#### **Applications**

- ◆ This product can be used for the removal of interfering proteins in R&D Systems' Parameter™ Total NO/Nitrite/Nitrate Assay (Catalog # KGE001).
- ◆ This product is designed for use in concentrating, purifying, or desalting biomolecules such as peptides, proteins, oligonucleotides, DNA, and RNA.
- ◆ 10,000 MW cut-off for biomolecules with a molecular weight of 30 - 90 kDa.

#### **Technical Hints**

- ◆ Filter units are non-sterile but can be sanitized by rinsing with 70% ethanol.
- ◆ Filter units contain trace amounts of chemical preservatives that may interfere in some assays. Rinse these units by filtering 0.5 mL of high purity water through the membrane just prior to sample filtration/concentration.

FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

**R&D Systems, Inc.**  
**1-800-343-7475**