

## For More Information



including a detailed manual, visit [www.advansta.com/RapidClean](http://www.advansta.com/RapidClean) or go directly to the web-page by scanning the QR-code with your favorite bar-code scanner app on your smart phone.

## RapidClean™

Fast, convenient, phenol-free purification of DNA and RNA samples

### For Catalog Numbers

<b>K-01001-010</b>	RapidClean™ Kit, 10 reactions
<b>K-01001-025</b>	RapidClean™ Kit, 25 reactions
<b>R-14011-250</b>	RapidClean™ Resin, 0.25 ml
<b>R-14011-B10</b>	RapidClean™ Resin, 1 ml

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## Storage Information

RapidClean is supplied as a 25% slurry in water. For long term storage, keep the tube containing the resin upright in a rack at 4° C. Do not freeze, boil, or autoclave the resin. Protect the resin from long exposure to bright light, and do not allow the resin to dry.

## Warnings and Precautions

- RapidClean is for research use only.
- Always wear gloves when handling reagents.
- Refer to MSDS for additional safety information.
- The product is guaranteed to be free of manufacturer defects, and to function as described when the provided protocol is followed by properly trained personnel.

## Short Protocol

### Step

1. Vigorously vortex the tube to re-suspend RapidClean to homogeneity.
2. Add 1/10th volume of RapidClean to the mixture to be deproteinized. The final working concentration of RapidClean resin is 2.5%.
3. Vortex the mixture for 10-15 sec.
4. Transfer the solution with RapidClean into the spin filter insert of the filtration device included in the kit.\*
5. Centrifuge the spin filtration device at maximum speed (14,000 rpm) for 1 min to filter out the resin with adsorbed protein.\*
6. Discard the filter insert with used resin.
7. The resulting collected filtrate contains nucleic acid free from protein.
8. If further purification of the resulting nucleic acid from low molecular weight components (such as mononucleotides, salts, or short oligonucleotides up to 15-20 bases) is required, a simple standard ethanol precipitation or desalting procedure may be performed.

*\* If you are using RapidClean resin without the spin filter device, centrifuge the sample for 2 minutes and carefully aspirate your sample from the resin pellet and transfer into a new tube. Make sure not to disturb the resin's pellet.*

