Enzymax LLC; Web: www.enzymax.net; Tel: 859-219-8482;

Description:

EZC222 and EZCR222 DNA Midi Spin column and RNA Midi Spin column offer a simple, rapid, and cost effective method for DNA/RNA isolation from various samples. They can be used for different applications by using different buffers and protocols. Like Tini, Mini, and Maxi spin columns, Midi columns contain a **silica membrane** and they are compatible with all the buffers that are used for Mini and Tini spin columns, which include solutions from **Qiagen (Qiaprep**, **Qiaquick**, **Qiaamp**, **DNeasy**, **RNeasy**, **MiRNeasy**, **RNeasy MinElute), Sigma (GeneElute), Invitrogen (PureLink RNA or DNA),** and **Promega** (**PureYield DNA or RNA)**. For DNA or RNA isolation/purification using Midi Spin columns, the same protocol for DNA or RNA preparation with mini columns, respectively, can be used, except that ~10-fold more solutions should be used in the cell lysis step, as well as scaled up solution volumes in subsequent steps.

Features and Benefits:

- High quality DNA and RNA in 20 minutes for most applications, such as restriction digestion, ligation, sequencing, PCR, transformation, and transfection.
- Flexibility of a vacuum or spin format
- Very low endotoxin levels by using any commercially available endotoxin wash buffer.
- No phenol/chloroform extraction or alcohol precipitation
- Broad range recovery of DNA/RNA from short oligo/micro RNA to genomic DNA
- Utilize All Major Manufacturers' RNA or DNA Kit Reagents such as:
  Qiagen: Qiaprep, Qiaquick, Qiaamp, DNeasy, RNeasy, MiRNeasy, RNeasy MinElute
  Sigma: GeneElute HP Plasmid Prep
  Invitrogen: PureLink *DNA,* RNA*, or Genomic* DNA

Specifications:

- Silica membrane technology
- Polypropylene housing
- Used with centrifuge or vacuum manifold
- Fit in 14-ml snap cap round bottom culture tube.
- Column capacity: 4 ml
- Binding capacity: ~500 μg nucleic acid
- Collection tube capacity: 14-ml snap cap round bottom tube (not included)

DNA/RNA Midi Spin Column