



## PRODUCT INFORMATION

### EZ-10 RNA Columns & Collection Tubes

#### *Product information for SD5008*

#### **Introduction**

EZ-10 Spin Columns are composed with silica membranes that rapidly purify nucleic acid. The columns can be used to purify both single- or double-stranded DNA or RNA from contaminants such as salts, solvents, enzymes or proteins. Nucleic acids are bound to the silica resins under high chaotropic concentrations. Salt and other impurities are removed during wash steps. Pure DNA/RNA is eluted from the membrane with water or TE buffer. This isolation method of DNA/RNA is faster and easier to perform compared with other organic-based extraction methods.

#### **Features**

1. **Silica based materials.** Silica membrane with a fine capillary structure, fast flow rates and high loading capacity.
2. **Selective adsorption of DNA/RNA.** The columns are compatible with “bind-wash-elute” procedure. DNA/RNA binding takes place under high chaotropic conditions and elutions are under low salt conditions.
3. **High yield and quality.** The capacity of a single column is up to 20 µg, the A260/A280 of purified DNA  $\geq$  1.8, RNA ~ 2.0.
4. **RNase-Free.** The SD5008 EZ-10 RNA Columns and collection tubes are guaranteed to be RNase-free.

#### **Storage**

Store columns dry at room temperature, valid for 1 year.