

Product Data Sheet

DNA/RNA Binding Beads (RS)

Catalog Number: **DRBB-R-100, DRBB-R-1000** | Revision Date: 2/19/21

For Research Use Only.

Product Description:

DNA/RNA Binding Beads (RS) are an ala carte component of the “Respiratory Viral RNA/DNA Extraction-Magnetic Kit”. DNA/RNA Binding Beads (RS) are paramagnetic particles designed to bind to nucleic acids (RNA and DNA). Beads are provided in a solution designed to enhance the binding affinity to small molecular weight nucleic acids.

Contents and Storage:

Component	Catalog No.	Volume	Quantity	Storage
DNA/RNA Binding Beads (RS)	DRBB-R-100	2ml	1	2°C to 8°C
	DRBB-R-1000	20 ml	1	

General Guidelines:

- Do not freeze **DNA/RNA Binding Beads (RS)**.
- Prior to each use, ensure **DNA/RNA Binding Beads (RS)** are evenly resuspended by mixing, and confirm no settled material remains at bottom of the bottle.
- All separation steps can be performed by either centrifugation or magnetically.
 - For centrifugal separation, centrifuge samples at 16,000 RPM for 30 seconds.
 - For magnetic separation, follow guidelines regarding binding times from the magnetic device manufacturer.
- After each centrifugation or magnetic separation, bead pellets must be thoroughly resuspended. If samples do not resuspend by vortexing, rapidly drag sample tube across a sample rack for a more vigorous resuspension.

Procedure:

See “Respiratory Viral RNA/DNA Extraction-Magnetic Kit” product insert for procedural guidelines.