



OMNI
International
The Homogenizer Company®

Application Note: DNA isolation from E. faecalis

Application procedure :

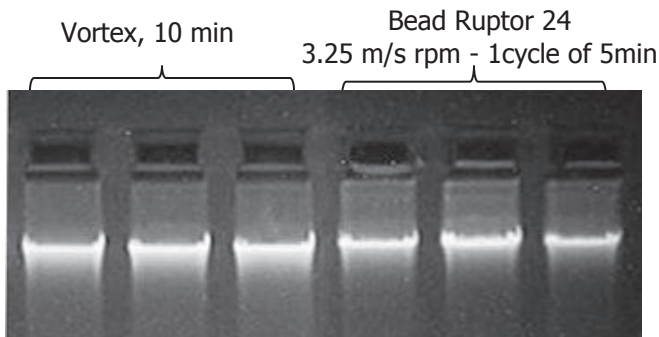
- **Number of samples:** 3 x 2mL tubes
- **Buffer:** Lysing buffer included in MO BIO kit
- **Total Microbial Sample Volume:** 1.8mL
- **Kit:** UltraClean® Microbial DNA Isolation Kit ¹



⇒ **Desired End Result:** Complete Homogenization for DNA extraction from micro-organisms at low speed comparable to a vortex

Omni Homogenizing Equipment

- **Omni Bead Ruptor 24:**
Multi-sample homogenizer
Setting: 3.25 m/s - 1 cycle of 5 minutes
- **DNase / RNase Free Bead Tube**
0.15mm Garnet bead tubes



1% agarose gel with 10µl of each eluate loaded per lane

⇒ **Conclusion:** DNA quality and yields from microbial sample using the Omni Bead Ruptor 24 were equivalent to the vortex done in half the time.

¹ Available through MO BIO Laboratories www.mobio.com



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