

Fecal DNA Collection & Preservation Mini Tubes



Optimize fecal sample collection and minimize bias in microbiome profiles

1 Easy Collection and Compatibility

- ✓ Optimize collection of fecal samples from small animals
- ✓ Ready for homogenization with any commercially available bead beating system



2 Extend Storage time at room temperature

- ✓ Preserve DNA for at least 2 years at room temperature
- ✓ Stabilize the microbiome profile from the point of collection

3 Easy Transportation

- ✓ Prevent microbial growth and inactivate viruses for safe and simple transport
- ✓ Minimize effects of fluctuating temperatures
- ✓ Ship at room temperature and eliminate odours

4 High-quality DNA for any downstream application

- ✓ Compatible with most commercially available DNA isolation kits
- ✓ Obtain high-quality and inhibitor-free DNA using commercial kits, including Norgen's optimized isolation kits
- ✓ Highest quality of DNA for use with any application, including NGS < qPCR, genotyping, and more
- ✓ Ideal preservative to accurately maintain the original microbiome profile



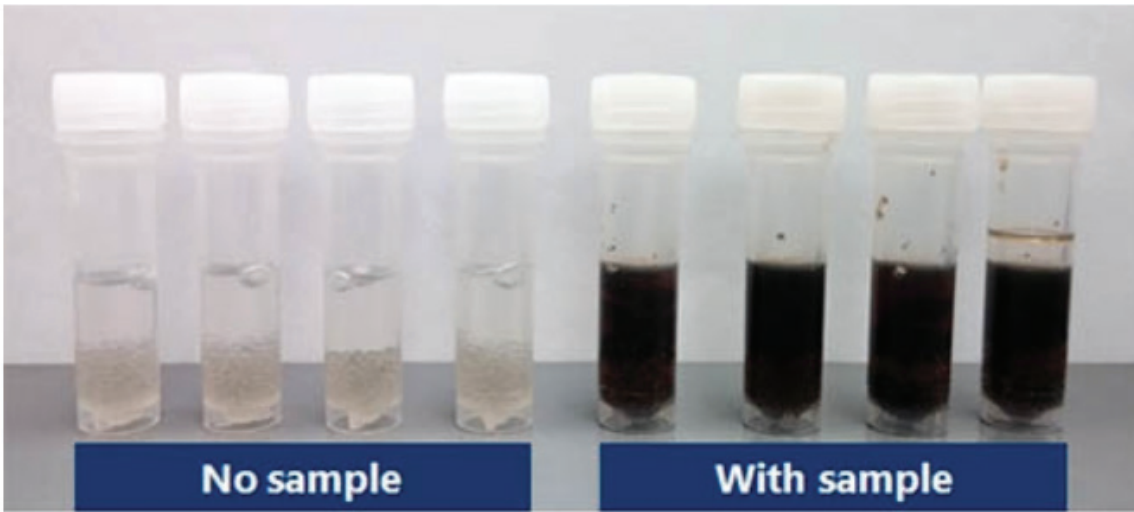


Figure 1. Collection of Mouse Fecal Samples in Norgen's Fecal DNA Collection and Preservation Mini Tubes. Approximately 30 mg (3-5 droppings) of mouse fecal samples were added to Norgens Fecal Collection and Preservation Mini Tubes and briefly vortexed. The preserved samples are ready to ship, or for isolation of DNA using compatible DNA isolation kits.

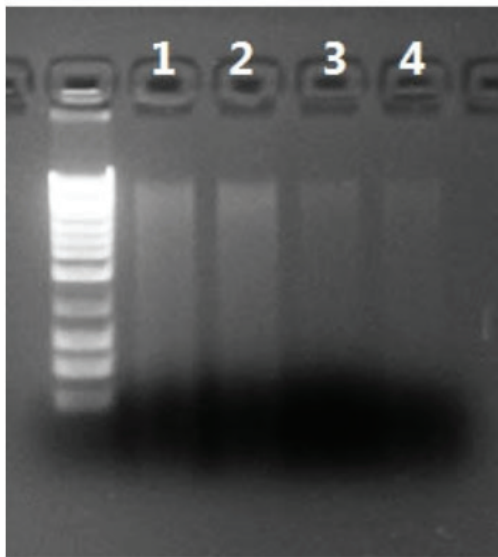


Figure 2. Resolution of DNA Isolated from 200 µL Preserved Mouse Fecal Samples using Norgens Stool DNA Isolation Kit (Cat.27600). Briefly, 4-5 drops (<30 mg) of mouse fecal samples were collected using Norgen's Fecal DNA Collection and Preservation Mini Tubes (Cat. 27650). Stool DNA was isolated from the preserved samples using Norgen's Stool DNA Isolation Kit. For evaluation, 10 µL of each 50 µL elution were run on 1X TAE 1.2% agarose gel. Marker = Norgens HighRanger DNA Ladder.

Ordering information

Description	Size	Cat. Number
Fecal DNA Collection & Preservation Mini Tubes	12 tubes	27650
Stool Nucleic Acid Collection and Preservation Tube	1 tube	45630
Stool Nucleic Acid Collection and Preservation Tubes	50 tube	45660
Fecal Swab Collection and Preservation System	50 devices	45670
Stool DNA Isolation Kit	50 preps	27600
Stool DNA Isolation 96-Well Kit	2 x 96-well plates	65600
Stool DNA Isolation Kit (Magnetic Bead System)	50 preps	55700
Stool DNA Isolation 96-Well Kit (Magnetic Bead System)	2 x 96-well plates	63100

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