OMNIgene®-GUT – Aliquoting recommendations

Recommendations related to aliquoting fecal samples collected and stabilized in OMNIgene•GUT devices.

Equipment required
- Pipettors and wide orifice pipettor tips (e.g., VWR 89049-164)
- Bench top vortex
- Sterile cryovials with O-rings
  - The final collected volume of an OM(R)-200 sample is greater than 1.8 mL, which is the maximum volume that should be placed in a single 2 mL cryovial. We recommend dividing the fecal sample evenly between 2 x 2 mL cryovials with O-rings.

Procedure

1. Vortex the sample vigorously for 60 seconds (medium setting). This action typically will break up the matrix, making it more liquid and visibly homogenous.

2. With the purple cap still screwed on, unscrew the yellow portion of the tube and set aside on a clean surface.

3. Using a wide orifice pipette tip, pipette out the sample and transfer it to a cryovial with an O-ring. If you don’t have a wide orifice pipette tip, cut off the end of a pipette tip after sterilizing the scissors.

Troubleshooting

If the sample is still too viscous to pipette, put the purple cap and yellow portion back on the tube tightly, incubate the sample at 50°C (122°F) for 30 minutes, then immediately redo steps 3 and 4.

If the incubation at 50°C does not facilitate the transfer of your viscous samples, contact DNA Genotek to obtain the Liquefaction Reagent OM-LQR (400/1600).

For storage recommendations for OMNIgene•GUT samples, refer to PD-PR-01036.
For the OM-LQR liquefaction protocol, refer to PD-PR-00855.
For the optimized extraction protocol, refer to PD-PR-00873.

Technical support is available Monday to Friday (9h00 to 17h00 ET):
- Toll-free (North America): 1.866.813.6354, option 6
- All other countries: +1.613.723.5757, option 6
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