

Product Information and Hyperlink Updates for the
Human Microbiome Project (HMP) Manual of Procedures (MOP)

19 July 2012

Manual of Procedures Version 12.0 (29 July 2010) was the final version used to conduct the HMP Core Microbiome Sampling study (HMP Protocol #07-001). The supplemental information provided here includes product ordering information and updated links for some of the laboratory procedures described in the MOP Version 12.0.

1. The MOP Section 7.7.2 describes the initial processing of stool specimens. The MoBio lysis buffer referenced in these instructions is MoBio PowerLyzer™ PowerSoil® Bead Solution, MoBio Catalog #12855-50-BS.
2. Section 7.9 of the MOP describes specimen processing for extraction of bacterial genomic DNA. The full MoBio PowerSoil® DNA Isolation kit instructions referenced in Section 7.9.2 can now be accessed at <http://www.mobio.com/images/custom/file/protocol/12888.pdf>.
3. Section 7.15 of the MOP describes sequencing methodologies. This section references the HMP Jumpstart Consortium protocols for sequencing 16S genes and random fragments of whole genome DNA, which can now be accessed at http://hmpdacc.org/tools_protocols/tools_protocols.php. The HMP default protocol for 454 sequencing can be accessed at http://hmpdacc.org/doc/16S_Sequencing_SOP_4.2.2.pdf. The protocol for amplification of the full-length 16S rRNA gene for Sanger sequencing is described in the Supporting Information of [Evaluation of 16S rDNA-Based Community Profiling for Human Microbiome Research](#).