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From: SPIROMICS GIC
Date: December 20, 2012
Re: SPIROMICS Biomarker Pilot Data

A pilot study was conducted by the SPIROMICS Investigators to compare the measurement of 105 biomarkers on 13 different multiplex plates in Serum, EDTA plasma, and P100 plasma. The goal was to identify which sample types have better measurement properties, including reliability and coefficient of variation, in order to select the sample type to use for the entire SPIROMICS sample.

The pilot study consisted of 24 SPIROMICS subjects who were selected to be representative of the study strata, age and gender. The samples used were drawn at the second clinic visit. When the samples are collected, each blood tube is divided into 14 aliquots. For this analysis, three aliquots of each sample type (i.e., serum, EDTA plasma, and P100 plasma) were sent to Myriad-RBM where they were pooled, and then the samples were run in duplicate, providing 2 samples from the same blood draw for each blood sample type.

Investigators who are interested in either the results or the data from the above described study should contact Betsy Carretta (phone: 919-962-2190 or email: betsy.carretta@unc.edu) for more information on data release policies.