

iSWAB-Microbiome Stability Testing: QPCR Data

iSWAB-MB-Stool Real Time Stability Testing (pooled sample)

Day	0	7	14
DNA Yield* (µg)	3.22	3.51	3.27
DNA A260/280	2.07	2.04	2.11
DNA A260/230	1.78	1.92	2.07
RNA Yield (µg)	4.6	4.7	4.3
RNA A260/280	1.95	1.59	1.85
RNA A260/230	2.19	1.98	1.79
Bacteroidetes (Ct)	32.18	32.9	32.68
Bifidobacteria spp (Ct)	21.91	20.9	22.8
Enterobacteriaceae (Ct)	16.95	16.38	17.1
Firmicutes (Ct)	13.77	13.66	13.64
Lactobacillus spp (Ct)	25.07	23.97	25.85
Universal Eubacteria (Ct)	13.88	13.24	14.91

*DNA Isolation – PowerMicrobiome

**RNA Isolation – PowerMicrobiome

Reference for the Primer Sets for QPCR and Reaction Conditions:

“Gorzalak et. al. Methods for Improving Human Gut Microbiome Data by Reducing Variability through Sample Processing and Storage of Stool. PLoS ONE 10(8): 1-14, 2015”