

Materials List for:

Perturbations of Circulating miRNAs in Irritable Bowel Syndrome Detected Using a Multiplexed High-throughput Gene Expression Platform

Nicolaas H. Fourie¹, Ralph M. Peace^{1,2}, Sarah K. Abey¹, LeeAnne B. Sherwin¹, John W. Wiley³, Wendy A. Henderson¹

¹Digestive Disorders Unit, National Institute of Nursing Research, National Institutes of Health, DHHS

²National Institutes of Health Research Scholar, Howard Hughes Medical Institute

³Internal Medicine, Medical School, University of Michigan

Correspondence to: Wendy A. Henderson at hendersw@mail.nih.gov

URL: <https://www.jove.com/video/54693>

DOI: [doi:10.3791/54693](https://doi.org/10.3791/54693)

Materials

Name	Company	Catalog Number	Comments
nCounter Prep-Station	Nanostring	N/A	Essential
nCounter Digital Analyzer	Nanostring	N/A	Essential
Spectrophotometer	NanoDrop	ND-1000	Can use suitable equivalent
Centrifuge	Any	N/A	Can use suitable equivalent
MiniMicroCentrifuge	Any	N/A	Can use suitable equivalent
Pipettes (1,000, 100, 20, 10 µl)	Any	N/A	Can use suitable equivalent
Qiacube	Qiagen	9001292	Can use suitable equivalent
PAXgene Blood miRNA Kit	Qiagen	763134	Can use suitable equivalent
PAXgene Blood Tubes	VWR	77776-026	Can use suitable equivalent
nCounter Human miRNA Assay Kit	Nanostring	150625	Essential
nCounter Master Kit	Nanostring	100050	Essential
nSolver	Nanostring	N/A	Essential