

Resource Summary Report

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BioMark Single Cell Protocol (Two-Step RTSTA)

DOI:10.17504/protocols.io.wdsfa6e

Type: Protocol

Proper Citation

Shaina Robbins, Alison Moss, Sean Nieves 2020. BioMark Single Cell Protocol (Two-Step RTSTA). protocols.io dx.doi.org/10.17504/protocols.io.wdsfa6e

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.wdsfa6e>

Authors: Shaina Robbins, Alison Moss, Sean Nieves

Group: SPARC

Summary: This protocol utilizes Fluidigm's Biomark system which performs high-throughput real-time PCR that can assay 48 or 96 genes for 48 or 96 samples respectively. This protocol is used for gene expression targeting samples at the single-cell scale and can be used with the 48.48 Dynamic Array integrated fluidic circuit (IFC) or the 96.96 Dynamic Array IFC. Note that this protocol assumes that single-cell samples are captured using the Arcturus Laser Capture Microdissection system.

Affiliations: Thomas Jefferson University, Thomas Jefferson University, Thomas Jefferson University

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