

Resource Summary Report

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CODEX Acquisition Protocol

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Proper Citation

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Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.bdifi4bn>

Authors: Franchesca Farris, Marda Jorgensen, Jerelyn Nick, Jesus Peñaloza

Group: Human BioMolecular Atlas Program (HuBMAP) Method Development Community

Summary: Multiplex imaging of lymph node, thymus and spleen is accomplished using the Akoya Biosciences CODEX system at the HubMAP Tissue Mapping Center at the University of Florida, TMC-UF. This protocol is an overview of the CODEX raw data acquisition process guided by the CODEX Instrument Manager (CIM), which is part of the CODEX Software Suite. The CODEX Instrument Manager is necessary to perform CODEX experiments. It controls the fluidics of the CODEX instrument the integration and synchronization with the Keyence microscope, image data formatting and facilitates transfer of data to the analysis computer. For more information, consult the Akoya Biosciences CODEX User Manual - A.0.

Affiliations: University of Florida, University of Florida, University of Florida, University of Florida

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