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Overall protocol for top-down CZE-MS/MS of human small intestine tissue

Overall protocol for top-down LC-MS/MS of human small intestine tissue

Jeannie Camarillo¹, Bryon Drown¹, Neil Kelleher¹

¹Northwestern University

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Human BioMolecular Atlas Program (HuBMAP) Method Development Community

Kelleher Research Group



Kelleher KRG Research Group

Northwestern University, National Resource for Translational...

Overview description of the process for acquiring top-down capillary zone electrophoresis MS/MS data on human small intestine tissue

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Tissue Collection

- 1 Small intestine tissue was provided by Stanford University TMC. Tissue was collected according to the following:

Sample Preparation

2



Tissue Homogenization and GELFrEE for Top-Down Proteomics

**by Kelleher KRG Research Group,
Northwestern University**

PREVIEW

RUN



Data Acquisition

3



Untargeted Top-down Proteomics by CZE-MS/MS on Eclipse

**by Kelleher KRG Research Group,
Northwestern University**

PREVIEW

RUN



Data Analysis

4



Top-down proteomics data analysis on the NRTDP TDPortal
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