




Sample Preparation

In gel - Gel slices:

Please cut gel bands into cubes (approx. 2-3mm) so that they sit at the base of the tube. Do not mash the gel into very tiny pieces as these can block the autosampler. Do not expose the gels to dust/hair/skin contamination. Use gloves, clean containers, clean scalpel, dust-free solutions throughout the procedure.

In solution - Precipitates:

Please spin down your precipitates in a final  % of acetone wash. If other procedure is used, please come to discuss before the sample submission.

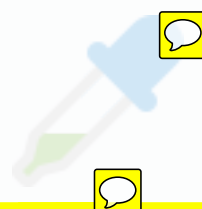
In general use as pure chemicals in the sample preparation procedure as possible. Old chemicals of dubious origin typically contain detergents, polymers (e.g. PEG) and other “chemical background” that can severely compromise LC-MS performance. Please state (below) which detergents you have used at ANY stage of your sample preparation – including the initial extraction buffer. This is critical as some detergents contaminate HPLC column, the mass spec and reduce its performance for everyone. Among the known problematic compounds belong commonly used SDS, Triton-X-100, Tween and PEG.

Before submitting samples containing the above mentioned come to discuss clean up procedure.

DIY digest

Please note that we may ask you to help with protein digests. This contribution is usually asked in case of long term projects, with submission of 20+ samples, or when temporary overload of samples to process occurs. Protocol

☐ I have completed the above



Group Name

Species

Arabidopsis

Preferred database for searches

Arabidopsis

Tissue

seedlings

Tissue age

hour(s)

Growth conditions

plate

30°

Group Name

Sample preparation

crude extract

React Node Here

Group Name

Type of analysis

discovery

Quantitative analysis required

none

Type of labeling

label-free

Label used

none (added due to label-free option above)



Group Name

Digestion

Trypsin

Type of PTM

all

Type digestion

in gel



Group Name



Sequence information



Group Name

Preferred Order



Sample number

Sample description



Group Name



Supporting images

Choose File

no file selected

Supporting image description

SUBMIT

