

Proteomics Karolinska (PK/KI)

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Price List

The general policy is that the prices of MS service should be comparable internally, nationally and internationally.

The pricing is a three-tier system, with KI researchers paying on average ca. 50% of the true analysis costs via the user fee (the rest is subsidized by the KI Research Board). Second and third numbers are given for the Swedish academic institutions and outside customers, respectively.

All prices are in SEK and include the 35% KI overhead (for non-KI customers only).

Sample preparation for MS analysis, per sample:

- protein extraction from harvested cells: 200 / 400 / 540
- protein extraction from tissues: 300 / 600 / 810
- in-gel alkylation, digestion 400 / 800 / 1080
- in-solution alkylation, digestion 300 / 600 / 810
- Clean-up: Zip-tip, ion exchange column, membrane filter 200 / 400 / 540

MS analysis on high-resolution mass spectrometer Orbitrap

- Accurate molecular mass determination, < 2 ppm 500 / 1000 / 1350
- Label-free quantitative proteomics analysis with nano-LC/MS, sample consumption <1 µg per analysis, ≤40 min gradient 2000 / 4000 / 5400
 - for >40 .. 90 min gradient 3000 / 6000 / 8100
 - for >90 .. 150 min gradient 4000 / 8000 / 10800
- for 5-9 samples - 10%
- for ≥10 samples - 20%
- for analysis of posttranslational modifications (PTMs) +25%
- *De novo* sequencing of a polypeptide using fragmentation methods CID,

HCD and ETD, per MS/MS spectrum: 2000 / 4000 / 5400

Quantitative targeted analysis on a triple quadrupole MS Xevo

LC/MS analysis of peptides in complex mixtures using selected (multiple) reaction monitoring, SRM/MRM, sample consumption <1 µg per analysis,

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| ≤40 min gradient | 1000 / 2000 / 2700 |
| for >40 .. 90 min gradient | 1500 / 3000 / 4050 |
| for >90 .. 150 min gradient | 2000 / 4000 / 5700 |

Bioinformatic analysis of MS data, per LC/MS run

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| Sequence database (e.g. Mascot) search | 200 / 400 / 540 |
| Label-free quantification | 200 / 400 / 540 |
| Pathway Analysis using BioBase databases | 300 / 600 / 810 |
| Statistical analysis, per dataset (several LC/MS runs) | 300 / 600 / 810 |

Consultations, teaching, custom service, per hour

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| Custom MS or MS/MS data interpretation | 400 / 800 / 1080 |
| Custom sample preparation/handling protocol | 500 / 1000/1350 |
| Consultations before sample submission | <i>free</i> |
| Consultations after sample analysis | 400 / 800 / 1080 |
| PowerPoint slide preparation | 500 / 1000 / 1350 |
| Teaching, training | 600 / 1200 / 1620 |
| Access to computers and software for data analysis | 100 / 200 / 270 |
| Release of original MS data, per datafile (LC/MS run – one file) | <i>free/ free/ 100</i> |