***VBRN Proteomics Facility Fee Structure***

(The facility provides common reagents, e.g., trypsin, Ziptips, IMAC enrichment kits, high-pH fractionation kits and LC/MS grade solvents, their costs are already built into the fee structure. However, consumables other than common reagents (e.g., In-solution digestion #7 and TMT labeling kits #11 - #13) will need to be bought by investigators.)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Service** | **Performed by** | **LCOM** **Subsidized** | **UVM** **Standard** | **External** | **BPI** |
| **Sample Preparation** |  |  |  |  |  |
| 1 | Zip tip | Users in the facility | 8.48 | 11.31 | 12.44 | 11.31 |
| 2 | Zip tip | Facility personnel | 22.05 | 29.40 | 32.34 | 29.40 |
| 3 | Desalting (for removing TMT labels) | Facility personnel | 29.66 | 39.55 | 43.51 | 39.55 |
| 4 | In-gel digestion  | Users in the facility | 11.50 | 15.34 | 16.87 | 15.34 |
| 5 | In-gel digestion (< 15 gel bands) | Facility personnel | 27.82 | 37.09 | 40.80 | 37.09 |
| 6 | In-gel digestion (> 15 gel bands) | Facility personnel | 25.60 | 34.14 | 37.55 | 34.14 |
| 7 | In-solution digestion (User provides enzyme) | Facility personnel | 50.68 | 67.57 | 74.33 | 67.57 |
| 8 | Phosphopeptide-enrichment | Users in the facility | 15.38 | 20.51 | 22.56 | 20.51 |
| 9 | Phosphopeptide-enrichment | Facility personnel | 37.64 | 50.19 | 55.21 | 50.19 |
| 10 | Lyophilizer  | Facility personnel | 15.00 | 20.00 | 22.00 | 20.00 |
| **Tandem Mass Tags** |  |  |  |  |  |
| 11 | TMT labeling | Users in the facility | 9.66 | 12.88 | 14.17 | 12.88 |
| 12 | TMT labeling; 1 set (e.g., 10-plex) | Facility personnel | 59.75 | 79.66 | 87.63 | 79.66 |
| 13 | TMT labeling | Facility personnel | 20.79 | 27.72 | 30.49 | 27.72 |
| 14 | High-pH fractionation; 1 set (8 fractions) | Users in the facility | 22.81 | 30.41 | 33.45 | 30.41 |
| 15 | High-pH fractionation; 1 set (8 fractions) | Facility personnel | 83.15 | 110.87 | 121.96 | 110.87 |
| **LC-MS** |  |  |  |  |  |  |
| 16 | Orbitrap Eclipse MS (0.25 h) - Education samples | Users in the facility | 41.60 | 55.46 | 61.01 | 55.46 |
| 17 | Orbitrap Eclipse MS (0.5 h) - single protein | Users in the facility | 56.60 | 75.46 | 83.01 | 75.46 |
| 18 | Orbitrap Eclipse MS (1 h) - simple mixture | Users in the facility | 75.35 | 100.46 | 110.51 | 100.46 |
| 19 | Orbitrap Eclipse (3 h) - complex mixture | Users in the facility | 150.35 | 200.46 | 220.51 | 200.46 |
| 20 | Exploris 240 MS (0.25 h) - Education samples | Users in the facility | 41.60 | 55.46 | 61.01 | 55.46 |
| 21 | Exploris 240 MS (0.5 h) - simple protein | Users in the facility | 56.60 | 75.46 | 83.01 | 75.46 |
| 22 | Exploris 240 MS (1 h) - simple mixture | Users in the facility | 75.35 | 100.46 | 110.51 | 100.46 |
| 23 | Exploris 240 MS (3 h) - complex mixture | Users in the facility | 150.35 | 200.46 | 220.51 | 200.46 |
| 24 | Orbitrap Eclipse MS (0.25 h) - Education samples | Facility personnel | 51.77 | 69.02 | 75.92 | 69.02 |
| 25 | Orbitrap Eclipse MS (0.5 h) - single protein | Facility personnel | 66.77 | 89.02 | 97.92 | 89.02 |
| 26 | Orbitrap Eclipse MS (1 h) - simple mixture | Facility personnel | 80.72 | 107.63 | 118.39 | 107.63 |
| 27 | Orbitrap Eclipse (3 h) - complex mixture | Facility personnel | 157.62 | 210.16 | 231.18 | 210.16 |
| 28 | Exploris 240 MS (0.25 h) - Education samples | Facility personnel | 52.23 | 69.64 | 76.60 | 69.64 |
| 29 | Exploris 240 MS (0.5 h) - simple protein | Facility personnel | 66.77 | 89.02 | 97.92 | 89.02 |
| 30 | Exploris 240 MS (1 h) - simple mixture | Facility personnel | 84.54 | 112.72 | 101.49 | 112.72 |
| 31 | Exploris 240 MS (3 h) - complex mixture | Facility personnel | 159.98 | 213.31 | 234.64 | 213.31 |
| **Database searches / Software Analysis (with statistics)** |  |  |  |  |  |
| 32 | Proteome Discoverer | Users in the facility | 0.00 | 0.00 | 0.00 | 0.00 |
| 33 | Proteome Discoverer (for all samples submitted in one batch) | Facility personnel | 43.77 | 58.37 | 64.20 | 58.37 |
| 34 | Scaffold | Users in the facility | 0.00 | 0.00 | 0.00 | 0.00 |
| 35 | Scaffold (for all samples submitted in one batch) | Facility personnel | 39.92 | 53.22 | 58.54 | 53.22 |
| **Data visualization and Figures preparation for publication (heatmap or volcano plots, etc.)**  |  |  |  |  |
| 36 | Prepare Figures (fee for service; (an average of 5 h) | Facility personnel | 352.38 | 469.84 | 516.83 | 469.84 |
| 37 | Prepare Figures/ Materials for manuscript (collaboration) | Facility personnel |  |  |  |  |