

**EXAMPLE ESTIMATE**

**TMT 10plex™ Multiplexed Protein Identification and Quantification by Tandem MS**

**Quotation No. Q20191212-5**

**University of Minnesota Internal Rates\***

2/19/2020

Item	Analysis	Quantity	Unit	Unit Price*	Extended Price
1	Sample preparation	4	hours	\$68.75	\$275.00
2	Barocycler† 1 vial per sample	10	each	\$13.20	\$132.00
3	Protein concentration (Bradford assay)	1	set	\$68.75	\$68.75
4	Trypsin digestion in solution	1	set	\$82.50	\$82.50
5	SPE (solid phase extraction) Oasis MCX 3cc cartridge (Waters)	10	each	\$14.40	\$144.00
6	LTQ quality control test by LC-MS/MS and database search (before mixing), 10 samples	15	hours	\$40.00	\$600.00
7	TMT 10plex™ reagents (0.2 mg kit)	1	set	\$520.00	\$520.00
8	SPE (solid phase extraction) Oasis MCX 3cc cartridge (Waters)	1	each	\$14.40	\$14.40
9	Off-line C18 high pH LC fractionation	1	each	\$136.40	\$136.40
10	capillary LC-MS/MS Orbitrap Fusion for TMT 10plex™ experiment	35.5	hours	\$65.00	\$2307.50
11	Data analysis (Proteome Discoverer and Scaffold)	2	set	\$68.75	\$137.50

**Total Cost      \$4418.05**

\* University of Minnesota current internal rates; prices may change without notice, please contact CMSP for current rates

† <https://www.pressurebiosciences.com/>

ThermoFisher TMT 10plex Isobaric Tagging Kit, 0.2 mg

<https://www.thermofisher.com/order/catalog/product/90309>