

## Typical consumables for Two<sup>MP</sup>

Consumables for sample measurement (please order through [orders@refeyn.com](mailto:orders@refeyn.com)):

1. Mass Photometry Starter Kit
  - a. This is recommended for all new instrument purchases. It contains everything required to get started on a mass photometry instrument:
    - i. 2 boxes of ready-to-use sample carrier slides (10 slides/box)
    - ii. 20 sample well cassettes (6 sample wells/cassette)
    - iii. Alignment Assist Package: alignment tool, tweezers, and magnetic slide holders
    - iv. Lens tissue to clean the instrument objective
2. Sample Preparation Package
  - a. This contains replacement sample carrier slides and sample well cassettes, supporting up to 300 sample measurements. It includes:
    - i. 6 boxes of ready-to-use sample carrier slides (10 slides/box)
    - ii. 50 sample well cassettes (6 sample wells/cassette)
3. Sample Carrier Slide-only Package
  - a. This contains replacement sample carrier slides only, supporting up to 300 sample measurements with the reuse of 6-sample well cassettes. It includes:
    - i. 5 boxes of ready-to-use sample carrier slides (10 slides/box)
    - ii. *Please note that the sample well cassettes required for measurement are not included in this package*

### Calibration Standards:

1. Beta-Amylase from sweet potato: Sigma A8781
2. Bovine Serum Albumin (BSA): ThermoFisher 23209
3. Apoferritin from equine spleen: Sigma A3660
4. Urease from Jack bean: Sigma U7752-1VL
5. Thyroglobulin from bovine thyroid: Sigma T9145
6. Invitrogen<sup>TM</sup> Low DNA Mass Ladder: Invitrogen 10068013
7. Millenium<sup>TM</sup> RNA Marker: ThermoFisher AM7150
8. NativeMark<sup>TM</sup> Unstained Protein Standard: ThermoFisher LC0725 (not very stable and shows lot to lot variation)

### Surface coating:

1. Poly-lysine: Sigma P4832 (high MW; 0.01% solution) or P2658 (low MW; powder)

### Immersion oil:

1. Immersion oil: Zeiss Immersol 518 F no. 444960-0000-000

### Lens cleaning tissue:

1. Whatman<sup>®</sup> lens cleaning tissue, Grade 105: Sigma WHA2105841