

To facilitate order processing, please review Sample Submission Instructions document and prepare samples accordingly.

### ◆ Sample Submission Instructions

#### 1) For proteins

- Prepare proteins sample solution of 1  $\mu\text{g}/\mu\text{L}$  in a final volume of 30  $\mu\text{L}$ .
- Dissolve (or dilute) in 1X PBS buffer.
- Prepare proteins buffer solution for negative control spot.

#### 2) For chemical compounds

- Prepare chemical compounds sample solution of 100 mM in a final volume of 1 mL.
- If chemical compounds need organic solvents to dissolve, use up to 5% of the final mixture.
- Prepare chemical compounds buffer solution for negative control spot.

#### 3) For oligonucleotides (DNA and/or RNA aptamer, etc.)

- Prepare oligonucleotides sample solution of 100  $\mu\text{M}$  in a final volume of 30  $\mu\text{L}$ .

※ If protein buffer is not 1X PBS or chemical compound buffer contains more than 5% of organic solvent, samples immobilization can be difficult or even impossible, depending on buffer.

※ If protein buffer is not 1X PBS, please send dialysis or fast protein liquid chromatography (FPLC) purified protein samples.

※ If you have any questions during sample preparation, please contact PCL, Inc. technical support team ([techsupport@pclchip.com](mailto:techsupport@pclchip.com)).