**Sample request form**

**MST Monolith NT.115**

This sample request form has to be filled out by scientists prior testing them on MST Monolith NT.115 platform at the Department of Molecular biology and nanobiotechnology, National Institute of Chemistry, Slovenia. Some information and reservation system for the equipment for molecular interaction analysis can be found at [www.molecular-interactions.si](http://www.molecular-interactions.si). For questions and comments, you are encouraged to contact katja.pirc@ki.si.

Please provide the following information by filling out the table below (add tables/rows/columns according to the number of your samples).

**Experimenter**

|  |  |
| --- | --- |
| Name and e-mail: |  |
| Institution: |  |
| Principal investigator/group name: |  |
| Date: |  |

**Target #1** (to be labelled with fluorescent dye)

|  |  |
| --- | --- |
| Sample name: |  |
| Sample type (antibody, multi-domain protein, lipid vesicles etc.) |  |
| Molecular weight: |  |
| Concentration: |  |
| Storage buffer: |  |
| Purity: |  |
| Preferred chemistry for fluorescent dye coupling (amine/Cys/His-tag reactive) |  |

**Ligand #1** (the non-fluorescent binding partner)

|  |  |
| --- | --- |
| Sample name: |  |
| Sample type (protein, small molecule, lipid vesicles etc.) |  |
| Molecular weight: |  |
| Extinction coefficient: |  |
| Concentration: |  |
| Storage buffer: |  |
| Purity: |  |
| Expected affinity: |  |
| Stoichiometry of the interaction: |  |
| Interaction assays performed in advance: |  |

Picture of the SDS-PAGE with samples:

It is very helpful when binding of the negative and the positive control (analytes) to the selected ligand can be tested in the system. Is this possible for your case (are controls available)?

Results regarding interaction characterisation obtained previously: