**Sample request form**

**MicroCal VP-ITC**

This sample request form has to be filled out by scientists prior testing them on Microcal VP-ITC 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 [neza.omersa@ki.si](mailto:neza.omersa@ki.si), +386 1 476 05 19.

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

**Researcher**

|  |  |
| --- | --- |
| Name and e-mail: |  |
| Nationality: |  |
| Principal investigator/group name: |  |
| User-project acronym: |  |
| Project/programme number (for ARRS projects/programmes only): |  |
| Activity domain (discipline): |  |
| Date: |  |

**Employing organisation/Home institution**

|  |  |
| --- | --- |
| Name: |  |
| Legal status:  Country: |  |

**Macromolecule #1** (molecule in the sample cell)

|  |  |
| --- | --- |
| Macromolecule name: |  |
| Sample type (antibody, multi-domain protein, lipid vesicles etc.) |  |
| Molecular weight: |  |
| Concentration: |  |
| Storage buffer: |  |
| Purity: |  |

**Titrant #1** (molecule in the syringe)

|  |  |
| --- | --- |
| Titrant 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:

References relevant for the project (up to 3):

Other comments: