

Octet RED96 Training Checklist

Application Date:

Reservation Training Date:

Name:

Lab PI:

Affiliation:

Position:

Phone:

E-mail:

Ligand (molecule immobilized on the sensor):

Protein Antibody DNA sugar others _____

Analyte (molecule in solution):

Protein Antibody DNA sugar others _____

Sensor:

SA AR2G SSA others _____

How do you know about the interaction?

ITC co-IP Enzyme Assay Modeling α screen Yeast others _____

Training checklist:

- I have read " Octet RED96 User's Guideline" and will follow the rules therein.
- M108(E) lectures
- M108(E) hands-on course
- Octet System Data Acquisition Software User Guide
- Octet Data Analysis Software 10.0 User Guide
- Reservation procedure
- Sensor types (Q/A)
- Immobilization: amine coupling or biotinylation, including desalting.
- Acquisition control software – basic set up with/without regeneration by methods or wizards - plate definition, assay definition, sensor assignment, review and run.
- Double-referenced experimental designs.
- Shutdown procedures.
- Kinetics data analysis – reference definition, subtracting, alignment, correction, model selection, fitting parameters: R_{max} , $K_a(k_{on})$, $K_d(k_{dis})$, K_A , K_D
- Data file path and data back up.

Folder C:/Data/_____

Manager signature:

I certify that I have received the training sections specified in the training checklist above. My signature also confirms that I have read and understood the materials given prior to the experiments.

Signature: _____

Date: _____