

Fees of Using HPLC/Polarimeter

HPLC

- You can take the operation-assisted service or be trained to get license and then proceed samples by yourself.
- It is highly suggested to take the training to know the workflow of machines first so that you can smoothly make the plans for your experiments.
- We have 4 HPLCs and 2 of them are open to IBC licensed users
 - i. WATERS 2695 (RP-setup, in charge of routine peptide purification business),
 - ii. WATERS e2695 (RP-oriented, public use),
 - iii. Shimadzu LC-2030C 3D plus (NP-setup, public use),
 - iv. Shimadzu LC-2050C 3D (RP-setup, in charge of routine purification/assay establishment or other assigned tasks),
- The Synthesis Core Facility could provide you two kinds of column to initiate your experiments if necessary:
 - i. Hydrophobic-based separation: WATERS XBridge® Peptide BEH, C18 column, 300 A, 5 μ m, 4.6x100 mm,
 - ii. HILIC-based separation: TOSOH TSKgel amide-80, 3 μ m, 4.6x150 mm

Rate table of HPLC usage^a

Time slot	IBC users
09:00–13:00	400 NTD
13:00–17:00	400 NTD
17:00–09:00 (next day)	400 NTD
24 h	1000 NTD
Operation-assisted service	2000 NTD

^a Users are highly suggested to bring your buffers and column (suggested by literature) for your experiments.

Polarimeter

- You can take the operation-assisted service or be trained to get license and then measure samples by yourself.
- The newly-purchased JASCO P-2000 was equipped with the temperature-controller, PTC-262, giving you the constant value of optical rotation from fluctuation.

Rate table of Polarimeter usage

Items	IBC users	AS users (non-IBC)
1 h	100 NTD	300 NTD
Operation-assisted service	150 NTD/sample	300 NTD/sample