



Research equipment training: Gel Permeation Chromatography (GPC) and Isothermal Titration Calorimeter (Micro Cal ITC systems) by DKSH Center of Excellence at MUSC

Thursday 8th February 2018, 09:00 - 14:00 at room K102

Determine protein and polymer absolute molecular weight, size, intrinsic viscosity, conformation, branching and structure based on the elution of separate dissolved macromolecule from columns filled with a porous gel.

Determine thermal energy of label free binding molecule.

MICROCAL ITC SYSTEMS UNDERSTANDING BIOMOLECULAR INTERACTIONS

- LABEL-FREE BINDING ANALYSIS
- MICROCALORIMETRY



OMNISEC A NEW STANDARD IN GPC/SEC

- MOLECULAR WEIGHT
- MOLECULAR SIZE
- MOLECULAR STRUCTURE



Reservation period: now – 7th February, 2018

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