Resource Summary Report

Generated by RRID on Aug 6, 2026

Delaware Biotechnology Institute Protein Characterization Core Facility

RRID:SCR_017746
Type: Tool

Proper Citation

Delaware Biotechnology Institute Protein Characterization Core Facility (RRID:SCR_017746)

Resource Information

URL: https://www.dbi.udel.edu/resources-and-facilities/protein-characterization

Proper Citation: Delaware Biotechnology Institute Protein Characterization Core Facility (RRID:SCR_017746)

Description: Facility consists of a Beckman Coulter ProteomeLab XL-I analytical ultracentrifuge is configured with a scanning UV/Vis detection system and Rayleigh Interference Optics. Used to characterize variety of biophysical properties of macromolecules such as molecular weight, sedimentation coefficient, diffusion coefficient, equilibrium constant and stoichiometry. Can assess sample heterogeneity (aggregation and purity), molecular conformation (folded or unfolded), composition (assembled or unassembled) and thermodynamic properties of interacting systems. Provides spectrum of data for protein characterization in solution.

Synonyms: DBI protein characterization Facility

Resource Type: access service resource, service resource, core facility

Keywords: Biophysical, property, characterize, molecular, weight, sedimentation, coefficient, diffusion, equilibrium, constant, stoichiometry, protein, data, service, core

Availability: Restricted

Resource Name: Delaware Biotechnology Institute Protein Characterization Core Facility

Resource ID: SCR_017746

Alternate IDs: ABRF_230

Record Creation Time: 20220129T080336+0000

Record Last Update: 20260806T054654+0000

Ratings and Alerts

No rating or validation information has been found for Delaware Biotechnology Institute Protein Characterization Core Facility.

No alerts have been found for Delaware Biotechnology Institute Protein Characterization Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.