Sedimentation equilibrium analysis of protein interactions with global implicit mass conservation constraints and systematic noise decomposition.

Title: Sedimentation equilibrium analysis of protein interactions with global implicit mass conservation constraints and systematic noise decomposition.

Publication Type: Journal Article

Year of Publication: 2004

Authors: Vistica, J, Dam, J, Balbo, A, Yikilmaz, E, Mariuzza, RA, Rouault, TA, Schuck, P

Journal: Anal Biochem

Volume: 326

Issue: 2

Pagination: 234-56

Date Published: 2004 Mar 15

ISSN: 0003-2697

Keywords: Macromolecular Substances, Mathematics, Models, Theoretical, Protein Binding, Proteins, Software

Abstract: Sedimentation equilibrium is a powerful tool for the characterization of protein self-association and heterogeneous mixtures of non-interacting species. The properties of these tools are studied with theoretical and experimental data sets.

DOI: 10.1016/j.ab.2003.12.014


PubMed ID: 15003564