

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

Jasco: J-815 Spectropolarimeter

RRID:SCR_020145

Type: Tool

Proper Citation

Jasco: J-815 Spectropolarimeter (RRID:SCR_020145)

Resource Information

URL: <https://www.brown.edu/research/facilities/proteomics/about/office-hours>

Proper Citation: Jasco: J-815 Spectropolarimeter (RRID:SCR_020145)

Description: Circular dichroism (CD) spectroscopy measures differences in the absorption of left-handed polarized light versus right-handed polarized light that arise due to structural asymmetry. The absence of regular structure results in zero CD intensity, while an ordered structure results in a spectrum which can contain both positive and negative signals.

Resource Type: instrument resource

Keywords: Jasco, Spectropolarimeter, Instrument Equipment, USEDit

Availability: Commercially available

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_020145.pdf

Resource Name: Jasco: J-815 Spectropolarimeter

Resource ID: SCR_020145

Alternate IDs: Model_Number_J-815

Record Creation Time: 20220129T080348+0000

Record Last Update: 20260801T190652+0000

Ratings and Alerts

No rating or validation information has been found for Jasco: J-815 Spectropolarimeter.

No alerts have been found for Jasco: J-815 Spectropolarimeter.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Bhopatkar AA, et al. (2024) MAPT mutations associated with familial tauopathies lead to formation of conformationally distinct oligomers that have cross-seeding ability. Protein science : a publication of the Protein Society, 33(9), e5099.

Puthia M, et al. (2023) Bioactive Suture with Added Innate Defense Functionality for the Reduction of Bacterial Infection and Inflammation. Advanced healthcare materials, 12(31), e2300987.

Fernández-Rodríguez C, et al. (2023) Structural basis of the inhibition of cystathionine γ -lyase from *Toxoplasma gondii* by propargylglycine and cysteine. Protein science : a publication of the Protein Society, 32(4), e4619.

Sun J, et al. (2022) Carbodiimide-Driven Dimerization and Self-Assembly of Artificial, Ribose-Based Amphiphiles. Chemistry (Weinheim an der Bergstrasse, Germany), 28(13), e202104116.

Chikunova A, et al. (2021) Conserved residues Glu37 and Trp229 play an essential role in protein folding of β -lactamase. The FEBS journal, 288(19), 5708.

Mulukala SKN, et al. (2020) Structural features and oligomeric nature of human podocin domain. Biochemistry and biophysics reports, 23, 100774.

B?ezina V, et al. (2018) Structural Modulation of Chromic Response: Effects of Binding-Site Blocking in a Conjugated Calix[4]pyrrole Chromophore. ChemistryOpen, 7(5), 323.

Yashaswini PS, et al. (2017) Inhibition of lipxygenase by sesamol corroborates its potential anti-inflammatory activity. International journal of biological macromolecules, 94(Pt B), 781.

Dutta S, et al. (2017) Functions of tryptophan residues in EWGWS insert of *Plasmodium falciparum* enolase. FEBS open bio, 7(7), 892.