

# Resource Summary Report

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## Beckman Coulter: ProteomeLab XL-I AUC XL-I

RRID:SCR\_019655

Type: Tool

### Proper Citation

Beckman Coulter: ProteomeLab XL-I AUC XL-I (RRID:SCR\_019655)

### Resource Information

**URL:** <http://info.beckmancoulter.com/protein>

**Proper Citation:** Beckman Coulter: ProteomeLab XL-I AUC XL-I (RRID:SCR\_019655)

**Description:** THIS RESOURCE IS NO LONGER IN SERVICE. Documented on October 5th, 2023. ProteomeLab XL-A/XL-I is a centrifuge with in-solution characterization of proteins, oligomers, aggregates, particles, colloids, and small structures delivers accurate results you can rely on time and again. In-solution characterization allows for testing in native conditions, meaning you determine the sample testing environment that best suits your needs. The column-free separating technique of the ProteomeLab XL-A/XL-I measures the relative change in the distribution of molecular weights, providing an efficient way to measure heterogeneity, stoichiometry and self-associating systems. And, because the measurements are based on the first principles of thermodynamics and hydrodynamics, no standards or calibrations are required. As a result, you spend less time on setup and more time on discovery. Our analytical ultracentrifuge platform offers a variety of customizable options, to meet your needs. Sensitive absorbance optics enable analysis of most samples, and interference optics can be used for low concentrations. Both systems can be implemented simultaneously, to maximize data acquisition in a single run. Additionally, we offer two different rotor configurations, and a variety of cell types, to enable multiple experimental designs. The wide range of rotational velocities also allow investigators to probe protein size, dimerization, and binding constants.

**Resource Type:** instrument resource

**Keywords:** Beckman Coulter, Centrifuge, Instrument Equipment, USEDit

**Availability:** THIS RESOURCE IS NO LONGER IN SERVICE

**Specification URL:** [https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR\\_019655.pdf](https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_019655.pdf)

**Resource Name:** Beckman Coulter: ProteomeLab XL-I AUC XL-I

**Resource ID:** SCR\_019655

**Alternate IDs:** Model\_Number\_XL-I

**Record Creation Time:** 20220129T080346+0000

**Record Last Update:** 20260805T044434+0000

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## Ratings and Alerts

No rating or validation information has been found for Beckman Coulter: ProteomeLab XL-I AUC XL-I.

No alerts have been found for Beckman Coulter: ProteomeLab XL-I AUC XL-I.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Gupta A, et al. (2024) EGFR-directed antibodies promote HER2 ADC internalization and efficacy. Cell reports. Medicine, 5(11), 101792.

Savy A, et al. (2017) Impact of Inverted Terminal Repeat Integrity on rAAV8 Production Using the Baculovirus/Sf9 Cells System. Human gene therapy methods, 28(5), 277.

Adams GG, et al. (2017) Glargine and degludec: Solution behaviour of higher dose synthetic insulins. Scientific reports, 7(1), 7287.

He Y, et al. (2014) Identification and characterization of ABA receptors in Oryza sativa. PloS one, 9(4), e95246.

Hao Q, et al. (2011) The molecular basis of ABA-independent inhibition of PP2Cs by a subclass of PYL proteins. Molecular cell, 42(5), 662.