

Resource Summary Report

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GE: AKTA FPLC System, Protein Purification System

RRID:SCR_019958

Type: Tool

Proper Citation

GE: AKTA FPLC System, Protein Purification System (RRID:SCR_019958)

Resource Information

URL: <https://www.gelifesciences.com/en/us/shop/chromatography/chromatography-systems/akta-pure-p-05844>

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Description: Purification system intended for microgram-scale protein purifications in Tricorn columns up to milligram-scale using HiTrap and HiScreen columns. For fast protein liquid chromatography of tens of grams of protein, can be used with flow rates up to 150 mL/min. This high flow rate is necessary when working with high-flow resins in large columns. Columns can even be packed at flow rates as high as 300 mL/min. System reduces hands-on time so that you can spend less time purifying proteins and more time focusing on your results. Easily switch between different users and applications. To get you up and running quickly, methods are easily created by dragging and dropping predefined templates in UNICORN 7. Purification of protein to sufficiently high yield and purity can be a time- and resource-consuming process. To address fast and efficient protein purification, Can be set up in different ways to handle multistep purification. With an additional column valve up to 10 columns can be connected enabling automation of several samples and steps.

Resource Type: instrument resource

Keywords: General Electric, FPLC System, Protein Purification System, Instrument Equipment, USEDit

Availability: Commercially available

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_019958.pdf

Resource Name: GE: AKTA FPLC System, Protein Purification System

Resource ID: SCR_019958

Alternate IDs: Model_Number_AKTA

Record Creation Time: 20220129T080347+0000

Record Last Update: 20260815T182615+0000

Ratings and Alerts

No rating or validation information has been found for GE: AKTA FPLC System, Protein Purification System.

No alerts have been found for GE: AKTA FPLC System, Protein Purification System.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Jolly JT, et al. (2025) Phosphatase activity is dispensable for PRL-3-mediated oncogenesis and tumor progression. bioRxiv : the preprint server for biology.

Markusson S, et al. (2025) Nanobodies against the myelin enzyme CNPase as tools for structural and functional studies. Journal of neurochemistry, 169(1), e16274.

Pequerul R, et al. (2025) Inter- and intra-tumoral ALDH1 heterogeneity in breast cancer identifies therapeutic opportunities for ALDH1A-specific inhibitors. Cell chemical biology.

Britton R, et al. (2023) Noncanonical Activity of Tissue Inhibitor of Metalloproteinases 2 (TIMP2) Improves Cognition and Synapse Density in Aging. eNeuro, 10(6).

Seraphim TV, et al. (2022) Assembly principles of the human R2TP chaperone complex reveal the presence of R2T and R2P complexes. Structure (London, England : 1993), 30(1), 156.