Resource Summary Report

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ProteinSimple Jess Automated Western Blot System

RRID:SCR_025095 Type: Tool

Proper Citation

ProteinSimple Jess Automated Western Blot System (RRID:SCR_025095)

Resource Information

URL: <u>https://www.bio-techne.com/p/simple-western/jess-automated-western-blot-</u> system_004-650

Proper Citation: ProteinSimple Jess Automated Western Blot System (RRID:SCR_025095)

Description: Simple Western blotting device that performs capillary based immunoassays and fully automated Western blot analysis. Automates protein separation and immunodetection of traditional Western blotting.Traditional Western blotting steps of sample separation, wash buffer incubations, and immunodetection of target proteins occur inside hands free capillary instrument.

Synonyms: Jess Automated Western Blot System

Resource Type: instrument resource

Keywords: Simple Western, next-generation immunoassay systems, automated protein analysis, capillary instrument, capillary based immunoassays, automated Western blot analysis,

Funding:

Resource Name: ProteinSimple Jess Automated Western Blot System

Resource ID: SCR_025095

Alternate IDs: Model_Number_Jess

Alternate URLs: https://www.bio-techne.com/pdf-download-arena-document/usermanual/pl2-0004/25, https://www.bio-techne.com/pdf-download-arenadocument/brochure/pl6-0002/25

Record Creation Time: 20240314T053243+0000

Record Last Update: 20250519T205419+0000

Ratings and Alerts

No rating or validation information has been found for ProteinSimple Jess Automated Western Blot System.

No alerts have been found for ProteinSimple Jess Automated Western Blot System.

Data and Source Information

Source: <u>SciCrunch Registry</u>

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Mabanglo MF, et al. (2024) Crystal structures of DCAF1-PROTAC-WDR5 ternary complexes provide insight into DCAF1 substrate specificity. Nature communications, 15(1), 10165.

Belfiore M, et al. (2024) A new paradigm for optimized experimental design in cIEF platforms aimed at an accurate robust and reliable mAbs charge-variant assessment. Scientific reports, 14(1), 28087.

Kohsaka S, et al. (2024) A molecular glue RBM39-degrader induces synthetic lethality in cancer cells with homologous recombination repair deficiency. NPJ precision oncology, 8(1), 117.

Wang H, et al. (2024) Preclinical study and phase II trial of adapting low-dose radiotherapy to immunotherapy in small cell lung cancer. Med (New York, N.Y.), 5(10), 1237.

Okada M, et al. (2024) Impacts of exposure to and subsequent discontinuation of clozapine on tripartite synaptic transmission. British journal of pharmacology, 181(22), 4571.

Penumatsa KC, et al. (2022) Vascular smooth muscle ROCK1 contributes to hypoxiainduced pulmonary hypertension development in mice. Biochemical and biophysical research communications, 604, 137. Zhuang J, et al. (2021) Tumour-Targeted and Redox-Responsive Mesoporous Silica Nanoparticles for Controlled Release of Doxorubicin and an siRNA Against Metastatic Breast Cancer. International journal of nanomedicine, 16, 1961.

Basta MD, et al. (2021) The local wound environment is a key determinant of the outcome of TGF? signaling on the fibrotic response of CD44+ leader cells in an ex vivo post-cataract-surgery model. Experimental eye research, 213, 108829.

Tang H, et al. (2021) Investigating Markers of the NLRP3 Inflammasome Pathway in Alzheimer's Disease: A Human Post-Mortem Study. Genes, 12(11).

Sakamoto S, et al. (2020) Multiplexed single-molecule enzyme activity analysis for counting disease-related proteins in biological samples. Science advances, 6(11), eaay0888.

Liu L, et al. (2020) Triose Kinase Controls the Lipogenic Potential of Fructose and Dietary Tolerance. Cell metabolism, 32(4), 605.

Cui FQ, et al. (2019) Effect of Baoshenfang Formula on Podocyte Injury via Inhibiting the NOX-4/ROS/p38 Pathway in Diabetic Nephropathy. Journal of diabetes research, 2019, 2981705.

Li Y, et al. (2019) Melatonin ameliorates ANIT?induced cholestasis by activating Nrf2 through a PI3K/Akt?dependent pathway in rats. Molecular medicine reports, 19(2), 1185.

Dengler-Crish CM, et al. (2017) Early Evidence of Low Bone Density and Decreased Serotonergic Synthesis in the Dorsal Raphe of a Tauopathy Model of Alzheimer's Disease. Journal of Alzheimer's disease : JAD, 55(4), 1605.

Padhan N, et al. (2017) Highly sensitive and specific protein detection via combined capillary isoelectric focusing and proximity ligation. Scientific reports, 7(1), 1490.

Zhang M, et al. (2016) Efficient production of (2)H, (13)C, (15)N-enriched industrial enzyme Rhizopus chinensis lipase with native disulfide bonds. Microbial cell factories, 15(1), 123.

Wilson GN, et al. (2016) Early Cytoskeletal Protein Modifications Precede Overt Structural Degeneration in the DBA/2J Mouse Model of Glaucoma. Frontiers in neuroscience, 10, 494.