Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 13, 2025

Diagenode Bioruptor

RRID:SCR_023470
Type: Tool

Proper Citation

Diagenode Bioruptor (RRID:SCR_023470)

Resource Information

URL: https://www.diagenode.com/en/categories/bioruptor-shearing-device

Proper Citation: Diagenode Bioruptor (RRID:SCR_023470)

Description: Sonication system for optimal shearing of biological and chemical samples.

Synonyms: Bioruptor

Resource Type: instrument resource

Keywords: Diagenode, bioruptor, sonication system, biological and chemical samples shearing, samples shearing, instrument, equipment, USEDit

Funding:

Availability: Restricted

Resource Name: Diagenode Bioruptor

Resource ID: SCR_023470

Record Creation Time: 20230415T050208+0000

Record Last Update: 20250410T071617+0000

Ratings and Alerts

No rating or validation information has been found for Diagenode Bioruptor.

No alerts have been found for Diagenode Bioruptor.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 75 mentions in open access literature.

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

Hure V, et al. (2025) Alternative silencing states of transposable elements in Arabidopsis associated with H3K27me3. Genome biology, 26(1), 11.

Zehetbauer F, et al. (2025) Transcriptional memory drives accelerated re-activation of several biosynthetic gene clusters in Aspergillus nidulans. Microbiological research, 291, 127981.

Cordero J, et al. (2024) Nuclear microRNA 9 mediates G-quadruplex formation and 3D genome organization during TGF-?-induced transcription. Nature communications, 15(1), 10711.

Salgado S, et al. (2024) Human PC4 supports telomere stability and viability in cells utilizing the alternative lengthening of telomeres mechanism. EMBO reports, 25(12), 5294.

Cicardi ME, et al. (2024) The nuclear import receptor Kap?2 modifies neurotoxicity mediated by poly(GR) in C9orf72-linked ALS/FTD. Communications biology, 7(1), 376.

Wang R, et al. (2024) The dynamic recruitment of LAB proteins senses meiotic chromosome axis differentiation in C. elegans. The Journal of cell biology, 223(2).

Kanwal N, et al. (2024) GPATCH4 regulates rRNA and snRNA 2'-O-methylation in both DHX15-dependent and DHX15-independent manners. Nucleic acids research, 52(4), 1953.

Hassan D, et al. (2024) CEBPA restricts alveolar type 2 cell plasticity during development and injury-repair. Nature communications, 15(1), 4148.

Xu M, et al. (2024) A repressive H3K36me2 reader mediates Polycomb silencing. Nature communications, 15(1), 7287.

Liu H, et al. (2024) ZNFX1 promotes AMPK-mediated autophagy against Mycobacterium tuberculosis by stabilizing Prkaa2 mRNA. JCI insight, 9(1).

Ren CX, et al. (2024) Fine-tuning of the dual-role transcription factor WRKY8 via differential phosphorylation for robust broad-spectrum plant immunity. Plant communications, 5(12), 101072.

Havel V, et al. (2024) Oxa-Iboga alkaloids lack cardiac risk and disrupt opioid use in animal models. Nature communications, 15(1), 8118.

Schade AE, et al. (2024) AKT and EZH2 inhibitors kill TNBCs by hijacking mechanisms of involution. Nature, 635(8039), 755.

Yang M, et al. (2023) Characteristics and functions of DNA N(6)-methyladenine in embryonic chicken muscle development. Poultry science, 102(5), 102528.

Liu Y, et al. (2023) Tumor Cytokine-Induced Hepatic Gluconeogenesis Contributes to Cancer Cachexia: Insights from Full Body Single Nuclei Sequencing. bioRxiv : the preprint server for biology.

Escalona M, et al. (2023) Whole-genome sequence and assembly of the Javan gibbon (Hylobates moloch). The Journal of heredity, 114(1), 35.

Shukla PK, et al. (2023) Structure and functional determinants of Rad6-Bre1 subunits in the histone H2B ubiquitin-conjugating complex. Nucleic acids research, 51(5), 2117.

Girasol MJ, et al. (2023) Immunoprecipitation of RNA-DNA hybrid interacting proteins in Trypanosoma brucei reveals conserved and novel activities, including in the control of surface antigen expression needed for immune evasion by antigenic variation. Nucleic acids research, 51(20), 11123.

Hamm DC, et al. (2023) The transcription factor DUX4 orchestrates translational reprogramming by broadly suppressing translation efficiency and promoting expression of DUX4-induced mRNAs. PLoS biology, 21(9), e3002317.

Thirant C, et al. (2023) Reversible transitions between noradrenergic and mesenchymal tumor identities define cell plasticity in neuroblastoma. Nature communications, 14(1), 2575.