

Resource Summary Report

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Northwestern University High Throughput Analysis Laboratory Core Facility

RRID:SCR_017879

Type: Tool

Proper Citation

Northwestern University High Throughput Analysis Laboratory Core Facility
(RRID:SCR_017879)

Resource Information

URL: <http://sites.northwestern.edu/htal/>

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Description: Core provides expertise and resources for large scale biology. Helps to set up, run, gather data and perform analysis in drug discovery research, biochemistry, cell and organismal biology, functional genomic screening, and synthetic genetic. Works with proteins, nucleic acids, small model organisms, and microbial strains. Provides tissue culture, produces and uses lentivirus particles, screens compound libraries, does experiments for investigators, generates preliminary data to figure out if idea is workable, discusses project development. Services include Macromolecular binding, biochemical, and cell-based assays, High content screening with widefield or confocal optics, Nanoliter liquid handling up to 1536-well density, Whole-plate kinetic assays (ion currents, GPCR signaling), Compound library screening, CRISPR/Cas9 screening (multiplexed libraries), Analysis of large data sets, Fluorescence Thermal Shift assay (measures protein melting), Complex liquid handling work flows.

Abbreviations: NU-HTA

Synonyms: Northwestern Highthroughput Analysis Laboratory

Resource Type: access service resource, core facility, service resource

Keywords: Collect, perform, analysis, drug, discovery, biochemistry, cell, organisational, biology, functional, genomic, screening, synthetitc, genetic, data, assay, library, CRISPR, Cas9, kinetic, fluorescence, shift, protein, melting, core, service

Availability: Open

Resource Name: Northwestern University High Throughput Analysis Laboratory Core Facility

Resource ID: SCR_017879

Alternate IDs: SCR_017771, ABRF_724

Alternate URLs: <https://coremarketplace.org/?FacilityID=724&citation=1>

Record Creation Time: 20220129T080337+0000

Record Last Update: 20260912T200404+0000

Ratings and Alerts

No rating or validation information has been found for Northwestern University High Throughput Analysis Laboratory Core Facility.

No alerts have been found for Northwestern University High Throughput Analysis Laboratory Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Mazewski C, et al. (2026) Potent Anti-Glioblastoma Effects of Next-Generation MNK Inhibitors. *Cancers*, 18(13).

Elmansy MF, et al. (2025) Modifications of NU-9, a potent protein aggregation inhibitor. Properties and activity in a cellular model of amyotrophic lateral sclerosis. *Bioorganic chemistry*, 167, 109190.

Qiu R, et al. (2025) Motion of Molecules in Supramolecular Scaffolds Enhances Bone Regeneration. *Journal of the American Chemical Society*, 147(25), 21586.