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: service resource, core facility, access 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

Funding:

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

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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 have not found any literature mentions for this resource.