Resource Summary Report

Generated by NIF on May 24, 2025

UCLA High-Throughput Clinical Proteomics Core

RRID:SCR_012205
Type: Tool

Proper Citation

UCLA High-Throughput Clinical Proteomics Core (RRID:SCR_012205)

Resource Information

URL: http://www.scienceexchange.com/facilities/high-throughput-clinical-proteomics-core-ucla

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Description: THIS RESOURCE IS NO LONGER IN SERVCE, documented September 6, 2016. The High-Throughput Clinical Proteomics (HTCP) core laboratory is a mass spectrometry core facility designed to profile large numbers of clinical samples for changes in protein content. We use small amounts (micrograms) of protein from samples such as urine, plasma, CSF, and cell lysates and incubate them with magnetic beads that bind different subsets of the total proteome. We then examine the different subsets of small proteins and peptides by high-resolution MALDI-TOF mass spectrometry. We measure the amounts and intact masses of the proteins in the samples and determine which have the greatest statistical relevance in defining clinical groupings before moving to physically isolate those peptides/proteins and identify them. The method works best for peptides and small proteins below 25 kDa and is an excellent complement to gel-based methods such as DIGE.

Abbreviations: UCLA HTCP, UCLA HTCP Core

Synonyms: University of California Los Angeles High-Throughput Clinical Proteomics Core

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

Funding:

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: UCLA High-Throughput Clinical Proteomics Core

Resource ID: SCR_012205

Alternate IDs: SciEx_10613

Record Creation Time: 20220129T080309+0000

Record Last Update: 20250524T060428+0000

Ratings and Alerts

No rating or validation information has been found for UCLA High-Throughput Clinical Proteomics Core.

No alerts have been found for UCLA High-Throughput Clinical Proteomics Core.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.