

Resource Summary Report

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Dartmouth Trace Element Analysis Core Facility

RRID:SCR_009777

Type: Tool

Proper Citation

Dartmouth Trace Element Analysis Core Facility (RRID:SCR_009777)

Resource Information

URL: <https://sites.dartmouth.edu/toxmetal/program-resources/trace-element-analysis/>

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Description: Analysis of elemental composition of biological tissues and fluids by Inductively Coupled Plasma Mass spectrometry. Analysis of Arsenic species in urine and blood by chromatography-ICP-MS. Laser ablation analysis of tissue sections for imaging of elemental distributions.

Synonyms: , Dartmouth Trace Element Analysis Core Laboratory, Dartmouth Trace Element Analysis Laboratory, Trace Element Analysis Laboratory

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

Keywords: USEDit, ABRF, elemental composition analysis, biological tissues and fluids, Inductively Coupled Plasma Mass spectrometry, Arsenic species in urine and blood, chromatography-ICP-MS, imaging of elemental distributions,

Funding: NIEHS P42ES007373

Resource Name: Dartmouth Trace Element Analysis Core Facility

Resource ID: SCR_009777

Alternate IDs: nlx_156244

Alternate URLs: <https://coremarketplace.org/?FacilityID=276&citation=1>,
<http://www.dartmouth.edu/~toxmetal/program-resources/trace-element-analysis/index.html>

Old URLs: <http://dartmouth.eagle-i.net/i/0000012a-24fd-a220-d8a1-249280000000>

Record Creation Time: 20220129T080254+0000

Record Last Update: 20260905T133333+0000

Ratings and Alerts

No rating or validation information has been found for Dartmouth Trace Element Analysis Core Facility.

No alerts have been found for Dartmouth Trace Element Analysis Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Grau MS, et al. (2026) Myeloid Cell States in Influenza-Associated Pulmonary Aspergillosis Are Shaped by Iron Overload and Metabolic Reprogramming. bioRxiv : the preprint server for biology.

Li X, et al. (2026) A programmable bioresorbable electrochemical microneedle sensor array for perioperative monitoring of organ health. Nature biomedical engineering.