

# 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:** 20260813T055002+0000

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## 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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

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.