

Resource Summary Report

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University of Pittsburgh Dietrich School of Arts and Sciences Pitt Isotope Tracer Lab Core Facility

RRID:SCR_025145

Type: Tool

Proper Citation

University of Pittsburgh Dietrich School of Arts and Sciences Pitt Isotope Tracer Lab Core Facility (RRID:SCR_025145)

Resource Information

URL: <https://eelliottnew.weebly.com/pitt-isotope-tracers-lab.html>

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Description: One of several isotope labs in Department of Geology and Environmental Science formerly known as Regional Stable Isotope Lab for Earth and Environmental Science Research, has capacity for wide variety of isotopic measurements in multitude of sample media. Capabilities include: Nitrate (^{15}N , ^{18}O , D^{17}O); Greenhouse and trace gases like carbon dioxide (^{13}C , ^{18}O), nitrous oxide (^{15}N , ^{18}O), methane (^{13}C); Nitrogen, carbon, and sulfur (^{15}N , ^{13}C , ^{34}S) in organic and other solid materials (e.g., biota, soils); Ammonium (^{15}N); Dry reactive nitrogen deposition ($^{15}\text{N-NH}_3$, $^{15}\text{N-NO}_2$, and $^{15}\text{N-HNO}_3$); and Carbonates (^{13}C , ^{18}O).

Abbreviations: PIT

Synonyms: University of Pittsburgh Dietrich School Pitt Isotope Tracer Lab

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

Keywords: ABRF, isotope tracer, isotopic measurements, organic and other solid materials, greenhouse and trace gases,

Resource Name: University of Pittsburgh Dietrich School of Arts and Sciences Pitt Isotope Tracer Lab Core Facility

Resource ID: SCR_025145

Alternate IDs: ABRF_2692

Alternate URLs: <https://coremarketplace.org/?FacilityID=2692&citation=1>

Record Creation Time: 20240326T053237+0000

Record Last Update: 20260912T200438+0000

Ratings and Alerts

No rating or validation information has been found for University of Pittsburgh Dietrich School of Arts and Sciences Pitt Isotope Tracer Lab Core Facility.

No alerts have been found for University of Pittsburgh Dietrich School of Arts and Sciences Pitt Isotope Tracer Lab Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Butkus CR, et al. (2025) A Lecithin Liposome Stimulates Soil Microbial Respiration and Nitrate Immobilization. ACS agricultural science & technology, 5(12), 2509.