

Water Sciences Laboratory

Analyte/Protocol Price List

2024



**Nebraska
Water Center**
Daugherty Water for Food Global Institute

IRMS :: Gas

Nebraska Water Center, a part of the
Robert B. Daugherty Water for Food Global Institute at the University of Nebraska
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Protocol	Analyte	Reporting Limit	Protocol Cost	NU Cost (20% discount)
<p>Carbon Dioxide, Methane, and Nitrous Oxide (Gas) Protocol ID: 06_17_10</p> <p>Sample Container: 12 mL Exetainer Sample Size: 10 mL Preservation: None Holding Time: 7 Days Estimated Turnaround Time: 6-8 Weeks</p>	<p>45N2O (ppm) Ar_40 CH4_16 CH4_17 CO2_44 CO2_45 CO2_46 N2_14 N2_28 N2_29 N2O (ppm) N2O_30 N2O_44 N2O_45 N2O_46</p>	<p>Pending Pending Pending Pending Pending Pending Pending Pending Pending Pending Pending Pending Pending Pending Pending</p>	\$28.90	\$23.12
<p>δ13C in CO2 (Breath) Protocol ID: 12_01_07_03</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;"> <p>Minimum elemental mass required for analysis = 0.05 mg-C</p> </div> <p>Sample Container: 12 mL Exetainer Sample Size: Pending Preservation: None Holding Time: 30 Days Estimated Turnaround Time: 6-8 Weeks</p>	δ13C_CO2		\$17.30	\$13.84

Turnaround times are subject to existing sample queues Reporting Limits are subject to verification

Protocol	Analyte	Reporting Limit	Protocol Cost	NU Cost (20% discount)
<p>$\delta^{15}\text{N}$ and $\delta^{18}\text{O}$ in Nitrous Oxide</p> <p>Protocol ID: 12_05_07_10</p> <div style="border: 1px solid black; padding: 2px; margin: 5px 0;"> <p>Minimum elemental mass required for analysis = 0.00005 mg-N</p> </div> <p>Sample Container: 12 mL Exetainer Sample Size: 50 mL Preservation: None Holding Time: 60 Days Estimated Turnaround Time: 6-8 Weeks</p>	<p>$\delta^{15}\text{N}$ in N₂O $\delta^{18}\text{O}$ in N₂O</p>		<p>\$40.40</p>	<p>\$32.32</p>