

# Water Sciences Laboratory

## Analyte/Protocol Price List

### 2022



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

## Noble Gas MS :: Water

Nebraska Water Center, a part of the  
Robert B. Daugherty Water for Food Global Institute at the University of Nebraska  
e: [dsnow1.unl.edu](mailto:dsnow1.unl.edu) | p: 1 402.472.7539 | f: 1 402.472.9599 | c: 1 402.304.3748

Protocol	Analyte	Reporting Limit	Protocol Cost	NU Cost (20% discount)
<p><b>Noble gases</b> Protocol ID: 08_01_01</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">                     Minimum elemental mass required for analysis = 0.05 cc air STP/g H<sub>2</sub>O                 </div> <p>                     Sample Container: Copper Tube                      Sample Size: 40 gm water                      Preservation: None                      Holding Time: 180 Days                      Estimated Turnaround Time: 6-8 Weeks                 </p>	4He 3He 3H-Tritium (TU) 20Ne Ar 84Kr 132Xe R/Rair 22Ne/20Ne 86Kr/84Kr 129Xe/132Xe Ar/N <sub>2</sub> N <sub>2</sub> Model Age (yr)	0.05 cc(STP)/gm 0.05 cc(STP)/gm 1 TU 0.05 cc(STP)/gm 0.05 cc(STP)/gm 0.05 cc(STP)/gm 0.05 cc(STP)/gm 0.05 cc(STP)/gm 0.05 cc(STP)/gm 0.05 cc(STP)/gm 0.05 cc(STP)/gm	<b>\$660.00</b>	\$528.00
<p><b>Tritium</b> Protocol ID: 08_02_01</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">                     Minimum elemental mass required for analysis = 1 TU                 </div> <p>                     Sample Container: 1 L polyethylene bottle                      Sample Size: 100 gm                      Preservation: None                      Holding Time: 180 Days                      Estimated Turnaround Time: 6-8 Weeks                 </p>	3H-Tritium	1 TU	<b>\$157.50</b>	\$126.00

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