AMS Radiocarbon Dating

Standard samples1	Pricing2		(✔) included; (◆) by request no charge; ($) add-on						Sample size	
	Standard (3 weeks)	Rush (7 days)	14C age by AMS	δ13C by IRMS	δ15N by IRMS	C:N ratio	δ18O by IRMS	δ34S by IRMS	Minimum, mg1	Optimum
charcoal, wood, seeds	$450	$800	✔	✔	◆				0.2	2-5 mg
organic-rich sediment			✔	✔	◆				10	100 mg
organic-poor sediment			✔	✔	◆				100	1-2 g
paper, canvas, textile			✔	✔	◆				1	5-10 mg
carbonates (shell, forminifera, coral)			✔	✔			✔		1-2	15-30 mg
soil carbonates			✔	✔			✔		20-30	50-100 mg
water DIC			✔	✔					100 mL	1 L
Bone and tooth samples1										
collagen (extraction included)	$500	$900	✔	✔	✔	✔		$20	100	1-2 g
bioapatite/enamel			✔	✔			✔		100	1-2 g
collagen and bioapatite combo3			✔	✔	✔	✔	✔	$20	200	2-3 g
charred bone/tooth			✔	✔					100	0.5-1 g
cremated or calcined bone/tooth			✔	✔			✔		200	0.5-1 g
Prepared samples										
Combustion-ready samples	$400	$600	✔	✔					please inquire	
CO2 gas	$300	$450	✔	✔						
Graphite (10 day turnaround)	$120		✔							

Volume discount (10%) for batch of 10 or more samples

University System of Georgia & Emory University: inquire about on-campus rates

1Please contact us to discuss analysis of non-standard, ultra-small, or poorly preserved samples.
2Additional charges may apply for samples requiring additional or difficult processing. Under certain circumstances samples may fail during the pretreatment or analytical process. We may seek recovery of partial or full cost of laboratory/analysis up to the point of failure.
3Combo includes 14C age by AMS, δ13C, δ15N, and C:N ratio on collagen, plus δ13C and δ18O on bioapatite/enamel.