

## RADIOCARBON DATING PRICE and cost.

**How much material do I need for? and What kind of material is used on?**

Typical amounts of carbon containing material types required for radiocarbon dating analyses.

Material	Small	Routine	Precise
Wood	5-8 g	20-30 g	>150 g
Charcoal	2-3 g	5-20 g	>40 g
Peat	15-20 g	50-60 g	>300 g
Bone	50 g	150 g	>700 g
Humus & Soil	100 g	300 g	>1500 g
Shell-carbonate	15-20 g	35-40 g	>150 g
Pottery	Estimation	required	

All of the above are **Minimum Dry** weights required. Other carbon materials can be considered for  $^{14}\text{C}$  analyses after consultation with **Dr. Michael Buzinny**.

Please inform us about your plans for carbon dating in our laboratory prior to sample submission. We have some additional advice for sample submission and try to produce services in short period for your convenience. All samples, to be analyzed, should be clean, dry, bagged, and labeled sample submission form, should be filled out printed, and posted with the samples). To help all users maximize the effectiveness of their carbon-14 analyses and to discuss sampling strategies and/or interpretation of any results we are pleased to any direct contact.

### **Pottery, ceramics & Radiocarbon (C-14) Dating (Novel)**

Novel possibilities for carbon dating are now good tested for pottery and ceramic samples based on sufficient amount of carbon required for analyses. Carbon residues, sufficient amount of *datable carbon* in sample *was added to ceramic and pottery while production* or while *use - food preparation, etc.*) allows application of such materials for  $^{14}\text{C}$  dating i.e. by application of direct pyrolysis procedures for benzene preparation for conventional radiocarbon dating based on LSC.

### **Time Required for sample pretreatment for conventional radiocarbon dating**

Sample	Small	Routine	High Precise
Standard	20 working days	30 working days	40 working days
Fast	On request	On request	On request

Sample size supposed to be recommended for analysis. Multi-sample discounts are offered for batches of submitted samples for conventional radiocarbon dating. Please send your inquiry to **Dr. Michael Buzinny**.

**Radiocarbon dating price** Base price for C-14 dating is **100 Euro** per sample (31/05/2012)

Sample type	Rate(Euro)
<u>Wood &amp; Charcoal</u>	100
<u>Peat</u>	130
<u>Bone</u>	130
<u>Humus &amp; soil</u>	130
<u>shell ( carbonate)</u>	130
<u>Pottery &amp; ceramic</u>	150-200

### **An example of Radiocarbon dating price:**

#1: **Routine** One ( separate) charcoal sample (5-10 g of Carbon or **more**) coming abroad costs: 100 Euro + 10 Euro for Customs formalities. When 10 similar samples - cost is 1000-10%**Discount**+10 Euro for Customs formalities **all equals** 910 Euro.  
When **High Precision** - the base price should be multiplied to **1.5**.

**Attention! An offer (on your request): Flexible Individual discount on valuable samples set ( $^{14}\text{C}$  dating).**

**About submission:** All samples passing through Customs should be clearly labeled: "SCIENTIFIC SAMPLES - NO COMMERCIAL VALUE". **Do not claim a total value of more than US\$1.** Conventional mail is recommended for all distances.

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