



Conventional radio carbon dating service laboratory. Kiev.

Welcome to the homepage of Radio analytical laboratory of the Institute of Hygiene and Medical Ecology located at Kiev, Ukraine. **We offer conventional radiocarbon dating (analysis) services** operating by benzene synthesis and liquid scintillation counting based on **Quantulus LSC**. It is fully-equipped laboratory, specializing in conventional ^{14}C analyses. C14 testing lab. Responsible person: **Michael Buzinny**.

What we GUARANTEE:
Accurate measurements, **Competitive** prices, **Good** service, **Quality** assurance, **Rapid** turnaround, and **Your confidentiality**.

^{14}C dating is performed in our laboratory using modern conventional (LSC based) method since 1993. For all LS measurements we use LS spectrometer Quantulus 1220TM, produced by PerkinElmer (formerly Wallac Oy). Teflon vials shaped 7 ml, 3 ml, 0,8 ml allow optimize LS counting performance for benzene samples of different mass. We have performed hundreds of [carbon-14 analyses](#) for our researches and some for commercial purposes.

[Let us know](#) more about your interest and requirements. We would like to discuss a **radiocarbon** concerned projects and other **radioisotope** researches especially from early stage of planning at Kyiv ^{14}C lab. Please send your inquiry or any ideas to [Dr. Michael Buzinny](#). Information on sample's submitted sizes required, you could find below.

[Learn: our price](#) corresponds to required [time and precision](#), what kind of sample is dated, corresponds to sample's [size](#). [Ask about multi-sample discounts](#) offered for set of samples submitted for radiocarbon dating and please send your inquiry to [Dr. Michael Buzinny](#).

How much material do I need and what kind of material is used on? radioactive carbon dating required sample size."c 14"

Material	Small sample	Routine	High Precision
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
Carbonate (shell)	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}C analyses after consultation with [Dr. Michael G. Buzinny](#).

Please inform us about your planes for carbon dating in our laboratory prior to sample

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submission. We have some additional advices for samples) 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 & details](#), should be filled out printed, and posted with the samples).

[We are pleased to any your direct contact](#). It allows maximize the effectiveness of carbon analyses and discussing sampling strategies and/or interpretation of any results.

Sample [size](#) supposed to be recommended for analysis. Multi-sample discounts are offered for batches of submitted samples for conventional ¹⁴C dating. Please send your inquiry to: [Dr. Michael Buzinny](#).

Radiocarbon dating C-14 sample prices (pricing) and cost:

<u>Sample type</u>	<u>Cost per sample (Euro)</u>
Wood & Charcoal	100
Peat	130
Bone	130
Humus & soil	130
Shell (carbonate)	130
Pottery (If sufficient Carbon mass)	150-200

When High Precision - the base price should be multiplied to 1.5.

ATTENTION!

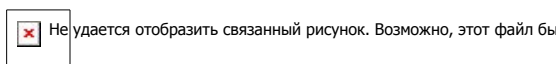
PLEASE ask delivery address and more details **BEFORE SENDING** of your samples.

All samples passing through Customs should be clearly labeled:

"SCIENTIFIC SAMPLES - NO COMMERCIAL VALUE".
Do not claim a total value of more than US\$10.

Conventional mail is recommended.

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Conventional Carbon Dating Services, Radio Carbon Dating Laboratory Kiev, Ukraine.
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