

# Biophysics Lab

## (Lab Report)

One may take part in the Lab only if these sections are completed beforehand	Title of the Lab:		Name of Lab Teacher:		
	Surname:	Given name(s):	Neptun code: _ _ _ _ _	Faculty:	Group:
	Date of Lab: _ _ _ _ (year) _ _ (month) _ _ (day)		Deadline of Lab Report submission:		
A) Aim of the Lab, Tasks:					
Measured together with the following students:					
B) Materials and instruments used for the measurement; other important circumstances ( <i>Must be done during the Lab</i> ):					
One may take part in the Lab only if these sections are completed beforehand	C) A <b>short, concise</b> review of the theory of the Lab with <b>figures</b> , the principle of the measurement, the measurement assembly, the most important principles required for evaluation of the data. <b>Questions</b> revealed during the preparation for the Lab. ( <i>This part <b>must not be longer</b> than the available space inside this frame and do not include references</i> ):				
<b>Evaluation of the Lab Report</b> ( <i>Lab Teacher's signature in the appropriate box</i> )			Date:		
Unsatisfactory:		Needs correction:		Accepted:	

This form will be the first two pages of the Lab Report and must be printed on an A4 sheet (two-sided layout). All entries must be hand-written.

**D)** Data acquired during the Lab (use tabulated form in case of measurement series) *(Must be done during the Lab)*:

Approval of the acquired data  
(Lab Teacher's signature):

**Must be signed by the Lab Teacher in the end of the Lab, otherwise the Lab Report may not be accepted!**

Just for **"raw" data!** *(Even if remains a lot of free space.) (Evaluation must be started on a new sheet.)*

**Lab Report self-checklist for successful submission** (minimum requirements): *(check these points at home when the Lab Report is completed)*

1.) The <b>overall appearance</b> of the Lab Report is appropriate (legible text, ruler used for drawings, no torn paper edges, etc.)	
2.) Measurement <b>data are clear and transparent</b> , units are appropriate <i>(E)</i>	
3.) The <b>title of graphs</b> indicates what is shown, and the scaling of the axes is indicated (linear or logarithmic) <i>(E)</i>	
4.) The <b>axes of graphs</b> show the plotted physical quantity with units <i>(E)</i>	
5.) The <b>range of the axes</b> is appropriate (no useless ranges included) <i>(E)</i>	
6.) The <b>evaluation</b> is comprehensible and is based on own measured data; <b>conclusions</b> are drawn <i>(E, F)</i>	
7.) All tasks are completed, all <b>questions are answered</b> <i>(E, F)</i>	
8.) The Lab Report is done, all pages are <b>stapled</b> together	

Evaluation is recommended with computer, but conventional methods (hand-made graphs on graph paper, etc.) may also be accepted. Since the evaluation and conclusions are part of the Lab Report, all papers must be stapled together with this sheet. *(Must be done at home after the Lab)*

To be continued on attached extra sheets: **"E) Evaluation:**

*(Must be done at home after the Lab)*

**F) Conclusions:** (in question–answer format according to the tasks)

**G) Remarks**"*optional*"

All sheets must be undersigned at the lower right corner.

## Example for continuation

**E) Evaluation of data:** (is recommended **with computer**)

*(presentation of data in well-ordered form, computations, graphs required):*

**F) Conclusions:**

*(in question–answer format):*

**G) Remarks:**

*(optional)*

**H) Corrections:**

*(should be attached, if it needs)*