

Information on the Laboratory diagnostic practical of the 11th semester (2022/2023)

The two-week-long laboratory diagnostic practical can be completed at the Veterinary Diagnostic Directorate of the National Food Chain Safety Office in Budapest, in its regional laboratory (Debrecen), at certain departments of the University (Department of Microbiology and Infectious Diseases, Department of Pathology, Department of Parasitology and Zoology,) or in a veterinary diagnostic laboratory outside Hungary, which is able to cover most of the diagnostic areas mentioned below. The diagnostic institute issues a detailed certificate, which contains the grade suggested by the supervisor.

Topics of the practical

1. Rules of sending samples to laboratory diagnosis, packing, cover letter. Sending samples in the case of notifiable diseases.
2. Postmortem examination of mammals, sampling for further laboratory examinations.
3. Postmortem examination of birds, sampling for further laboratory examinations.
4. Diagnostics of certain important infectious diseases of cattle.
5. Diagnostics of certain important infectious diseases of sheep and goats.
6. Diagnostics of certain important infectious diseases of swine.
7. Diagnostics of certain important infectious diseases of horses.
8. Diagnostics of certain important infectious diseases of dogs and cats.
9. Diagnostics of certain important infectious diseases of poultry.
10. Culture and identification of bacteria.
11. Culture and identification of viruses.
12. Parasitological examinations.
13. The most common serological and immunological examinations used in the diagnostics of infectious diseases.
14. The most common molecular biological examinations used in the diagnostics of infectious diseases.
15. Histopathological examinations of infectious diseases, histopathology of certain notifiable infectious diseases.

Formal requirements

The supervisor declares in the attached certificate form that the practical has covered at least 70% of the topics listed above. The certificate must be handed over at the exam.

Examination

The practice is closed with an oral examination. Students summarise their experiences gained during the practice in a form of a maximum 10-minute-long power point presentation and answer the questions of the examiner in the context of the practical. The presentation has to include the diagnostic methods having seen and done, the diagnostic discussions attended, and the cases seen at the practical. If more students are at the same institution at the same time, it is accepted that after the general review, each student focuses on different tests, pathological cases, differential diagnosis methods or presents the complete diagnosis of an infectious disease *but a textbook based summary of a disease cannot be accepted*. The presentation is expected to be a complete summary of the practical. The final mark of the exam is defined by the result of the presentation and the evaluation of the supervisor.

The exam of the students having practical at the Veterinary Diagnostic Directorate or at the different departments of the University is held on the last day of the practical at the Veterinary Diagnostic Directorate and at the Department of Microbiology and Infectious Diseases. Students must sign up using the NEPTUN system. Students having spent their practical abroad do their exams after the practical block between in January 2023. They also must sign up using the NEPTUN system.

Evaluation of the exams:

- activity during the practical
- presentation of professional knowledge
- demonstration of knowledge on laboratory methods
- discussion about the presentation
- overall presentation

Miklós Tenk DVM, associate professor
Head of Department
1 March 2022

CERTIFICATE

Name of the institute:.....

Address of the institute:

Supervisor:

Date of the practical:

Name of the student:

Herewith I certify that the abovementioned student fulfilled his/her Laboratory diagnostic practical needed by the University of Veterinary Medicine Budapest. The practical included the next topics (please tick the boxes):

Yes	No	Topic	Signature
<input type="checkbox"/>	<input type="checkbox"/>	Rules of sending samples to laboratory diagnosis, packing, cover letter. Sending samples in the case of notifiable diseases.	
<input type="checkbox"/>	<input type="checkbox"/>	Post mortem examination of mammals, sampling for further laboratory examinations..	
<input type="checkbox"/>	<input type="checkbox"/>	Post mortem examination of birds, sampling for further laboratory examinations.	
<input type="checkbox"/>	<input type="checkbox"/>	Diagnostics of certain important infectious diseases of cattle.	
<input type="checkbox"/>	<input type="checkbox"/>	Diagnostics of certain important infectious diseases of sheep and goats.	

<input type="checkbox"/>	<input type="checkbox"/>	Diagnostics of certain important infectious diseases of swine.	
<input type="checkbox"/>	<input type="checkbox"/>	Diagnostics of certain important infectious diseases of horses.	
<input type="checkbox"/>	<input type="checkbox"/>	Diagnostics of certain important infectious diseases of dogs and cats.	
<input type="checkbox"/>	<input type="checkbox"/>	Diagnostics of certain important infectious diseases of poultry.	
<input type="checkbox"/>	<input type="checkbox"/>	Culture and identification of bacteria.	
<input type="checkbox"/>	<input type="checkbox"/>	Culture and identification of viruses.	
<input type="checkbox"/>	<input type="checkbox"/>	Parasitological examinations.	
<input type="checkbox"/>	<input type="checkbox"/>	The most common serological and immunological examinations used in the diagnostics of infectious diseases.	
<input type="checkbox"/>	<input type="checkbox"/>	The most common molecular biological examinations used in the diagnostics of infectious diseases.	
<input type="checkbox"/>	<input type="checkbox"/>	Histopathological examinations of infectious diseases, histopathology of certain notifiable infectious diseases.	

The practice can be accepted if at least 70% of the above items have been fulfilled.

Evaluation of the student's work:

Note (1-5 scale, 5 is the best, 1 is not sufficient):

Evaluation (text):

Date:

.....

Supervisor