e Supplement file B1. Workflow chart in Laboratory for Hygiene and Human Ecology, City Institute of Public Health, Belgrade

LT collects the samples and records them

A describes the sample, estimates and sets parameters for the analysis and forms order for testing

A decides which analyzes are done in the “first line” laboratory

LT separates samples, prepares the sub-samples and distributes the samples by organizational units of HHE Lab

A determines the type of analysis

LT prepares sample for analysis (including making solutions) and conducts sample analysis (in consultation with A), notes the results of the analysis and presents them to the A

A reads all the results, computes and combines the finding; A inputs the results and/or finding in computer program (if necessary)

The results of analysis are sent to A in paper form and/or electronically

LT takes the results to the typist who inputs and prints them

A verifies the final results and confirms the finding

LT keeps record of the analyzed samples (in paper form or electronically) and checks the equipment

LT packages the analyzed samples in the packaging and returns / stores / disposes in the waste

In „second line“ laboratory

In “first line” laboratory

A describes the sample, estimates and sets parameters for the analysis and forms order for testing

A determines the type of analysis

LT prepares sample for analysis (including making solutions) and conducts sample analysis (in consultation with analyst), notes the results of the analysis and presents them to the A

CIPH- City Institute of Public Health Belgrade; LT- Laboratory technician; A- Analysts; HHE Lab- Laboratory for Hygiene and Human Ecology

e Supplement file B2. Workflow chart in Laboratory for Urine Culture, Laboratory for Swabs and Laboratory for Coproculture, City Institute of Public Health, Belgrade

LT collects the sample and checks the data, the container and the received material

LT keeps the records of laboratory testing in electronic form and labels the sample

MDS defines the result of analysis

MDS (or LT under supervision) inputs the results in computer program

MDS verifies and confirms printed results by signing them

LT sorts out the verified results and places them in the receptacle marked by sampling place

LT distributes the results to the particular departments in the CIPH

After sample analysis is done, LT sends the samples and used laboratory material to the department for decontamination

LT checks equipment and conditions of working environment

LT, in consultation with MDS, prepares sample for analysis and conducts the sample analysis

MDS keeps the record of laboratory testing and presents them to the Head of the MB Lab, on a monthly and annual basis

CIPH- City Institute of Public Health Belgrade; LT- Laboratory technician; MDS- Medical doctor specialist; MB Lab- Laboratory for Microbiology

e Supplement file B3. Workflow chart in Laboratory for Parasitological Diagnostics, City Institute of Public Health, Belgrade

LT collects the sample, checks data and sorts out samples by type of analysis

MDS decides which technique should be used to analyze the samples taken at the referral of a physician, according to clinical indications

LT prepares samples for analysis and conducts the sample analysis, under the supervision (microscopy and application of commercial tests according to the instructions)

After the sample analysis is done, LT prints the results for each sample separately

MDS reviews the results, determines which analysis needs to be repeated and signs the results

LT keeps the record of verified results in paper form and/or electronically

MDS checks and confirms the results by signing them

LT distributes the results to the particular departments in the CIPH

After the sample analysis is done, LT sends the samples and used laboratory material to the department for decontamination

MDS prepares periodic reports and presents them to the Head of the MB Lab, on a monthly and annual basis

LT keeps the records of received samples in paper form and electronically

CIPH- City Institute of Public Health Belgrade; LT- Laboratory technician; MDS- Medical doctor specialist; MB Lab- Laboratory for Microbiology

e Supplement file B4. Workflow chart in Laboratory for Serological Diagnostics, City Institute of Public Health, Belgrade

LT collects the sample, checks data and sorts out samples by type of analysis

LT keeps the records of laboratory testing and prepares the worksheets

LT prints the results of analysis, inputs them into the worksheet and presents it to MDS

MDS reviews the results, determines which analysis needs to be repeated and signs the worksheet

LT keeps the record of verified results

MDS checks and confirms the results by signing them

LT distributes the results to the particular departments in the CIPH

After the sample analysis is done, LT sends the samples and used laboratory material to the department for decontamination

LT checks equipment and conditions of working environment

LT prepares sample for analysis and conducts the sample analysis on automated analysers

MDS prepares periodic reports and presents them to the Head of the MB Lab, on a monthly and annual basis

CIPH- City Institute of Public Health Belgrade; LT- Laboratory technician; MDS- Medical doctor specialist; MB Lab- Laboratory for Microbiology