





Figure 1: ELISA reader and ELISA washer for performing of ELISA technology.



Figure 2: Deep freezer on  $-80^{\circ}\text{C}$  for storage of samples and reagents.



Figure 3: Laminar flows class 2 for preparation of Master Mixes in the PCR laboratory.



Figure 4: Conventional PCR thermocycler with 96 well microtitar format.



Figure 5: Shaker and Eppendorf centrifuge for the PCR tubes.



Figure 6: Power supply, Gel-electrophoresis unit and Transilluminator for visualization of the conventional PCR results.



Figure 7: ABI 310 Sequencing machine.



Figure 8: Inverted microscope with fluorescence filter.

WP 5 (Workshop for dissemination of the results) of the project was planned to be performed at the end of month 30 of the project (October 2009). However, due to structural legal changes at the University "Stt. Cyril and Methodius", we have asked for extension of the project duration. Currently, the extension of the project has been approved, and the final workshop is planned to be held at the end of January 2010. Participants of all the regional countries will be invited to the workshop, together with the EU partners and selected people from EU-FP6 Programme, FAO, FAO/IAEA Joint Division in Vienna and the employees of the Head Veterinary Office of Macedonia.

The outcomes of the project, have significantly improved the diagnostic capacities for transboundary diseases (TADs) in the country, in terms of updating the existing technology and implementation of missing technologies in our labs. Of a special importance are molecular methods (Real Time PCR) which are offering molecular detection of infectious agents, as well as a startup with molecular epidemiology (Sequencing) in our laboratory.

As a result of the project TRANSB\_DIS\_ANIM\_MK, the FVMS has successfully participated in the official, annual Ring Trials/Proficiency tests for FMD, CSF and AI, as well as for Brucellosis (not subject of the project), as a part of supporting the ISO 17025 standard in our laboratory.

It is also to mention, that the implemented technologies have not only improved the diagnostic capacities for TADs, but also for enzootic diseases which are daily problem in the country and the region, such as Brucellosis, Q-Fever, Chlamydiosis and others!

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