

# ABSTRACT

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Title: Blood-bank testing for infectious diseases  
Legislation of different countries of the world

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A list of most frequently detected infectious agents in blood transfusion service is presented in the first part of this thesis. The history, taxonomy, structure, possible ways of transmission and the most frequently selected diagnostics of detected causative agents are also described in this thesis.

In the second part of the thesis, there is described one of the areas of transfusion medicine legislation - blood and blood products testing for infectious diseases. The legislation of some countries of the European Union (the Czech Republic, the Slovak Republic, Poland, Germany, Austria, the United Kingdom of Great Britain and Northern Ireland and France) and the United States of America and their mutual comparison is presented here as well.