

ANNOTATION

**of report from the pre-diploma practice of a 2th year student, of group BT-71mp
specialty 162 - Biotechnologies and Bioengineering specialization Industrial
Biotechnology
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on the topic "Production of the immuno-enzyme test system for the detection
of viral protein p24"**

The report on industrial practice is outlined on 61 pages of printed text. The report consists of an introduction, nine sections, conclusions, a list of references, and contains 6 drawings, 5 tables, two schemes.

The production practice report presents the characteristics of the company DiAprof-Med, and examines the immune enzyme test system DIA-HIV-Ag / Ab.

The introduction substantiates the importance of practice, describes the purpose of the practice and its tasks. The first part of the report is devoted to the enterprise itself, its characteristics, technologies used. The second part of the report relates to the actual HIV disease, and the DIA-HIV-Ag / Ab test system. The last part is devoted to the short description of the processes of the enterprise (technological process, production control and safety equipment). Also, the technological scheme is given, and in the appendix the hardware diagram.

As a result of the implementation of the industrial practice, the following tasks were solved: the structure of the enterprise was considered, familiarized with the process of production of test systems and with the main and auxiliary stages of the technological process. The hardware and process diagram are presented.

According to the results of the pre-diploma practice, the following conclusions were drawn:

- the basis of the company's work is, first of all, the high quality of test systems, compliance with standards and requirements for the production of immunoassay test systems;

- compliance with the procedure of work and the requirements of the technological regulations guarantee the rational use of technological equipment.

ENTERPRISE; TEST SYSTEM; HIV; IMMUNOFERMENTAL
ANALYSIS; TECHNOLOGICAL SCHEME; APPARATUS SCHEME