

ANNOTATION
of report on a pre-diploma practice of a 2nd year student,
of group BT-71mp,
specialty 162 – Biotechnologies and Bioengineering
specialization Industrial Biotechnology
Buchkovskiy Vladislav Ruslanovich
on the topic"Immunoenzyme test system for detection of antibodies to
Treponema pallidum»

Report on manufacturing practices contained 57 pages printed text. The report consists of an introduction, nine chapters, conclusions, list of references and contains 7 figures and 2 tables.

The report of the characteristics of industrial practice enterprise Diaproph-med and considered production ELISA test kits for the detection of syphilis.

The introduction substantiates the importance of practice, practice and described the goal of the task.

The first part of the report is devoted to the purpose and objectives of practice.

In the second part of the report shows the characteristics of the company and its main technical and economic indicators.

In the third part of the report presents the theoretical foundations of the technologies used in the enterprise.

The fourth part of the report is devoted to the etiology and pathogenesis of syphilis.

The fifth part tells of the ELISA test system DIA-TREP.

In the sixth section describes the technological scheme of the test system.

In seven short description of the main stages of the process.

In the eighth part explains how control and production of finished products.

The ninth part gives the basic principles of safety and environmental protection.

As a result of production practices have been resolved following tasks: the theoretical foundations of technology businesses, given the characteristic ELISA test kits DIA-TREP, describes technological and hardware circuits manufacturing test systems.

KEY

WORDS: syphilis, ELISA
analysis, recombinant DNA, antibodies T.pallidum.