

Theoretical report from practicals

Hydrolases – acid phosphatase (ACP) and alkaline phosphatase (ALP)

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Date of practical:

Group:

Student 1:

Date of report:

Student 2:

Student 3:

Question 1

List differences between ACP and ALP

Question 2

How the activity of ALP and ACP can be measured?

Question 3

How the amount of released phosphorus was determined?

Question 4

List the names of isoenzymes of ALP and ACP and their tissue localization.

Question 5

Which isoenzymes of ALP dominate in blood plasma?

Question 6

In which cases the activity of ACP or ALP in blood plasma should be determined?

Question 7

Which isoenzyme of ALP moves during electrophoresis the most quickly? Describe this fraction.

Question 8

In a dog, prostate cancer was determined. The activity of which known to you enzyme will be increased in blood plasma?

