

Protocol - Laboratory 7

QUALITATIVE AND QUANTITATIVE ANALYSIS OF A HEALTHY PERSON URINE

Student name:.....

group:.....

Date:.....

Detection of creatinine:

Method	The principle of reaction	Results and Conclusions
Weyl's		
Jaffe's		

Ehrlich's reaction for detecting urobilinogen:

The principle of reaction:

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Results and Conclusions:

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Deniges detection of indicane:

The principle of reaction:

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Results and Conclusions:

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Use of the strip test to quickly assess the general physicochemical properties of urine:

Results and Conclusions:

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Determination of urine amylase activity by the Winslow method:

Principle of method:

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Dilution of urine in subsequent tubes:

Sample number	1	2	3	4	5	6	7	8	9	10
Dilution	-	2 x								
Color (- / +)										

Calculations:

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Activity_{amylase} =

Conclusions:

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Determination of urinary creatinine by Jaffe's method:

Principle of method:

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A_{test sample} =

λ =

Calculations:

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Concentration_{creatinine} =[mg/100 ml urine]

Conclusions:

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Signature of tutor:.....