

EQA round: HIL1/24 - Serum Indices

Deadline: 19.4.2024

Setup: Slovakia

AV = assigned value

N_{tot} = total number of the resultsN_{eva} = number of the results assessed

CVPG = consensus of the participants' groups

N_{rel} = relative number of the resultsN_{suc} = number of successful results

CVP = consensus of all participants

S_{rel} = relative success

>>> ... expected result

> ... acceptable result

± ... result not assessed

Test Sample Group	Frequency of the results			Success		
	AV	N _{tot}	N _{rel} Result [%]	N _{eva}	N _{suc}	S _{rel} [%]
(504) Hemolytic index (qualitative)		8		8	8	100
Sample A		8		8	8	100
(4) Ordinal scale: 0 - 4	CVPG >>>	1	13	Index 2		
(5) Ordinal scale: 0 - 5	>	3	38	Index 1		
	CVPG >>>	3	38	Index 2		
(6) Ordinal scale: 0 - 6	CVPG >>>	1	13	Index 2		
Sample B		8		8	8	100
(4) Ordinal scale: 0 - 4	CVPG >>>	1	13	Index 3		
(5) Ordinal scale: 0 - 5	CVPG >>>	6	75	Index 3		
(6) Ordinal scale: 0 - 6	>	1	13	Index 2		
(505) Icteric index (qualitative)		8		8	8	100
Sample A		8		8	8	100
(4) Ordinal scale: 0 - 4	CVPG >>>	1	13	Index 3		
(5) Ordinal scale: 0 - 5	CVPG >>>	6	75	Index 2		
(6) Ordinal scale: 0 - 6	CVPG >>>	1	13	Index 2		
Sample B		8		8	8	100
(4) Ordinal scale: 0 - 4	CVPG >>>	1	13	Index 2		
(5) Ordinal scale: 0 - 5	CVPG >>>	6	75	Index 2		
(6) Ordinal scale: 0 - 6	CVPG >>>	1	13	Index 1		
(506) Lipemic index (qualitative)		8		8	8	100
Sample A		8		8	8	100
(4) Ordinal scale: 0 - 4	CVPG >>>	1	13	Index 4		
(5) Ordinal scale: 0 - 5	CVPG >>>	6	75	Index 2		
(6) Ordinal scale: 0 - 6	CVPG >>>	1	13	Index 2		
Sample B		8		8	8	100
(4) Ordinal scale: 0 - 4	CVPG >>>	1	13	Index 3		
(5) Ordinal scale: 0 - 5	CVPG >>>	5	63	Index 2		
	>	1	13	Index 3		
(6) Ordinal scale: 0 - 6	CVPG >>>	1	13	Index 1		
(510) Task 1: Determination of total magnesium is required. Will you release the result?		12		0		
Sample A		12		0		
All results	±	2	17	No (shall explain in a comment)		
	±	1	8,3	Yes, but with a comment		
	±	9	75	Yes		
Sample B		12		0		
All results	±	3	25	No (shall explain in a comment)		
	±	9	75	Yes		
(511) Task 2: Alanine aminotransferase (ALT) determination is required. Will you release the result?		12		0		
Sample A		12		0		
All results	±	9	75	No (shall explain in a comment)		
	±	1	8,3	Yes, but with a comment		
	±	2	17	Yes		
Sample B		12		0		
All results	±	9	75	No (shall explain in a comment)		
	±	2	17	Yes, but with a comment		
	±	1	8,3	Yes		
(512) Task 3: Determination of direct bilirubin is required. Can you give me the result?		12		0		
Sample A		12		0		
All results	±	10	83	No (shall explain in a comment)		
	±	1	8,3	Yes, but with a comment		
	±	1	8,3	Yes		
Sample B		12		0		
All results	±	11	92	No (shall explain in a comment)		
	±	1	8,3	Yes		