

EQA round: HIL1/25 - Serum Indices

Deadline: 18.4.2025

Setup: all data

AV = assigned value	N _{tot} = total number of the results	N _{eva} = number of the results assessed
CVP = consensus of all participants	N _{rel} = relative number of the results	N _{suc} = number of successful results
CVPG = consensus of the participants' groups		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)		81			80	77	96
Sample A		81			80	78	98
All results (without individual groups)	±	1	1,2	Index 3			
(4) Ordinal scale: 0 - 4	>	1	1,2	Index 0 (negative)			
	CVPG >>>	39	48	Index 1			
(5) Ordinal scale: 0 - 5	CVPG >>>	10	12	Index 0 (negative)			
	>	6	7,4	Index 1			
		1	1,2	Index 2			
(6) Ordinal scale: 0 - 6	>	2	2,5	Index 0 (negative)			
	CVPG >>>	20	25	Index 1			
		1	1,2	Index 3			
Sample B		81			80	78	98
All results (without individual groups)	±	1	1,2	Index 3			
(4) Ordinal scale: 0 - 4		1	1,2	Index 1			
	CVPG >>>	39	48	Index 2			
(5) Ordinal scale: 0 - 5	CVPG >>>	16	20	Index 1			
		1	1,2	Index 3			
(6) Ordinal scale: 0 - 6	>	2	2,5	Index 1			
	CVPG >>>	18	22	Index 2			
	>	3	3,7	Index 3			
(505) Icteric index (qualitative)		81			80	78	98
Sample A		81			80	78	98
All results (without individual groups)	±	1	1,2	Index 3			
(4) Ordinal scale: 0 - 4		1	1,2	Index 2			
	CVPG >>>	39	48	Index 4			
(5) Ordinal scale: 0 - 5	CVPG >>>	15	19	Index 3			
	>	1	1,2	Index 4			
		1	1,2	Index 5			
(6) Ordinal scale: 0 - 6	>	7	8,6	Index 2			
	CVPG >>>	15	19	Index 3			
	>	1	1,2	Index 4			
Sample B		81			80	79	99
All results (without individual groups)	±	1	1,2	Index 4			
(4) Ordinal scale: 0 - 4	>	1	1,2	Index 2			
	CVPG >>>	39	48	Index 3			
(5) Ordinal scale: 0 - 5	CVPG >>>	15	19	Index 2			
	>	1	1,2	Index 3			
		1	1,2	Index 4			
(6) Ordinal scale: 0 - 6	>	2	2,5	Index 1			
	CVPG >>>	20	25	Index 2			
	>	1	1,2	Index 3			
(506) Lipemic index (qualitative)		84			83	80	96
Sample A		84			83	80	96
All results (without individual groups)	±	1	1,2	Index 4			
(4) Ordinal scale: 0 - 4		1	1,2	Index 1			
	CVPG >>>	42	50	Index 4			
(5) Ordinal scale: 0 - 5	CVPG >>>	16	19	Index 3			
		1	1,2	Index 5			
(6) Ordinal scale: 0 - 6	CVPG >>>	13	15	Index 2			
	>	9	11	Index 3			
		1	1,2	Index 4			
Sample B		84			83	80	96
All results (without individual groups)	±	1	1,2	Index 4			
(4) Ordinal scale: 0 - 4		1	1,2	Index 1			
	>	1	1,2	Index 3			
	CVPG >>>	41	49	Index 4			
(5) Ordinal scale: 0 - 5	CVPG >>>	16	19	Index 2			
		1	1,2	Index 5			
(6) Ordinal scale: 0 - 6	CVPG >>>	22	26	Index 2			
		1	1,2	Index 4			

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Test Sample Group	Frequency of the results			Success			
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
(510) Task 1: Alanine aminotransferase (ALT) determination is required. Will you release the result?		163				0	
Sample A		163				0	
All results	±	50	31	No (shall explain in a comment)			
	±	30	18	Yes, but with a comment			
	±	3	1.8	Yes, but after modifying the sample and/or correcting the result			
	±	11	6.7	Yes, but after modifying the sample and/or correcting the result and with a comment			
	±	69	42	Yes			
Sample B		163				0	
All results	±	56	34	No (shall explain in a comment)			
	±	41	25	Yes, but with a comment			
	±	1	0.6	Yes, but after modifying the sample and/or correcting the result			
	±	8	4.9	Yes, but after modifying the sample and/or correcting the result and with a comment			
	±	57	35	Yes			
(511) Task 2		162				0	
Sample A		162				0	
All results	±	78	48	No (shall explain in a comment)			
	±	35	22	Yes, but with a comment			
	±	4	2.5	Yes, but after modifying the sample and/or correcting the result and with a comment			
	±	45	28	Yes			
Sample B		162				0	
All results	±	126	78	No (shall explain in a comment)			
	±	27	17	Yes, but with a comment			
	±	9	5.6	Yes			
(512) Task 3		164				0	
Sample A		164				0	
All results	±	29	18	No (shall explain in a comment)			
	±	30	18	Yes, but with a comment			
	±	1	0.6	Yes, but after modifying the sample and/or correcting the result			
	±	3	1.8	Yes, but after modifying the sample and/or correcting the result and with a comment			
	±	101	62	Yes			
Sample B		164				0	
All results	±	45	27	No (shall explain in a comment)			
	±	35	21	Yes, but with a comment			
	±	1	0.6	Yes, but after modifying the sample and/or correcting the result			
	±	83	51	Yes			