

EQA round: HIL2/23 - Serum Indices

Deadline: 3.11.2023

Setup: all data

AV = assigned value

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

CVP = consensus of all participants

N_{rel} = relative number of the resultsN_{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) | | 62 | | | 59 | 57 | 97 |
| Sample A | | 62 | | | 59 | 57 | 97 |
| All results (without individual groups) | ± | 1 | 1,6 | Index 1 | | | |
| | ± | 2 | 3,2 | Index 4 | | | |
| (4) Ordinal scale: 0 - 4 | CVPG >>> | 32 | 52 | Index 2 | | | |
| | > | 1 | 1,6 | Index 3 | | | |
| (5) Ordinal scale: 0 - 5 | CVPG >>> | 14 | 23 | Index 1 | | | |
| | > | 1 | 1,6 | Index 2 | | | |
| (6) Ordinal scale: 0 - 6 | > | 2 | 3,2 | Index 1 | | | |
| | CVPG >>> | 7 | 11 | Index 2 | | | |
| | | 2 | 3,2 | Index 4 | | | |
| Sample B | | 62 | | | 59 | 57 | 97 |
| All results (without individual groups) | ± | 1 | 1,6 | Index 0 (negative) | | | |
| | ± | 2 | 3,2 | Index 1 | | | |
| (4) Ordinal scale: 0 - 4 | CVPG >>> | 32 | 52 | Index 1 | | | |
| | > | 1 | 1,6 | Index 2 | | | |
| (5) Ordinal scale: 0 - 5 | CVPG >>> | 14 | 23 | Index 0 (negative) | | | |
| | > | 1 | 1,6 | Index 1 | | | |
| (6) Ordinal scale: 0 - 6 | CVPG >>> | 9 | 15 | Index 1 | | | |
| | | 2 | 3,2 | Index 3 | | | |
| (505) Icteric index (qualitative) | | 62 | | | 59 | 59 | 100 |
| Sample A | | 62 | | | 59 | 59 | 100 |
| All results (without individual groups) | ± | 1 | 1,6 | Index 3 | | | |
| | ± | 2 | 3,2 | Index 4 | | | |
| (4) Ordinal scale: 0 - 4 | > | 2 | 3,2 | Index 2 | | | |
| | CVPG >>> | 30 | 48 | Index 3 | | | |
| | > | 1 | 1,6 | Index 4 | | | |
| (5) Ordinal scale: 0 - 5 | > | 11 | 18 | Index 2 | | | |
| | CVPG >>> | 4 | 6,5 | Index 3 | | | |
| (6) Ordinal scale: 0 - 6 | > | 2 | 3,2 | Index 1 | | | |
| | CVPG >>> | 9 | 15 | Index 2 | | | |
| Sample B | | 62 | | | 59 | 59 | 100 |
| All results (without individual groups) | ± | 1 | 1,6 | Index 3 | | | |
| | ± | 2 | 3,2 | Index 6 | | | |
| (4) Ordinal scale: 0 - 4 | > | 1 | 1,6 | Index 3 | | | |
| | CVPG >>> | 32 | 52 | Index 4 | | | |
| (5) Ordinal scale: 0 - 5 | > | 1 | 1,6 | Index 2 | | | |
| | CVPG >>> | 10 | 16 | Index 3 | | | |
| | > | 4 | 6,5 | Index 4 | | | |
| (6) Ordinal scale: 0 - 6 | > | 2 | 3,2 | Index 2 | | | |
| | CVPG >>> | 9 | 15 | Index 3 | | | |
| (506) Lipemic index (qualitative) | | 65 | | | 62 | 61 | 98 |
| Sample A | | 65 | | | 62 | 61 | 98 |
| All results (without individual groups) | ± | 1 | 1,5 | Index 3 | | | |
| | ± | 2 | 3,1 | Index 4 | | | |
| (4) Ordinal scale: 0 - 4 | > | 2 | 3,1 | Index 3 | | | |
| | CVPG >>> | 34 | 52 | Index 4 | | | |
| (5) Ordinal scale: 0 - 5 | CVPG >>> | 10 | 15 | Index 2 | | | |
| | > | 4 | 6,2 | Index 3 | | | |
| | | 1 | 1,5 | Index 4 | | | |
| (6) Ordinal scale: 0 - 6 | CVPG >>> | 11 | 17 | Index 2 | | | |
| Sample B | | 65 | | | 62 | 62 | 100 |
| All results (without individual groups) | ± | 1 | 1,5 | Index 3 | | | |
| | ± | 2 | 3,1 | Index 5 | | | |
| (4) Ordinal scale: 0 - 4 | CVPG >>> | 36 | 55 | Index 4 | | | |
| (5) Ordinal scale: 0 - 5 | CVPG >>> | 14 | 22 | Index 3 | | | |
| | > | 1 | 1,5 | Index 4 | | | |
| (6) Ordinal scale: 0 - 6 | > | 1 | 1,5 | Index 2 | | | |
| | CVPG >>> | 10 | 15 | Index 3 | | | |
| (510) Task 1 | | 119 | | | 0 | | |
| Sample A | | 119 | | | 0 | | |
| All results | ± | 6 | 5 | No (shall explain in a comment) | | | |
| | ± | 38 | 32 | Yes, but with a comment | | | |

Setup: all data

| Test Sample Group | Frequency of the results | | | Success | | | |
|-------------------------|--------------------------|------------------|-------------------------|---|------------------|------------------|-------------------------|
| | AV | N _{tot} | N _{rel} [%] | Result | N _{eva} | N _{suc} | S _{rel} [%] |
| | ± | 1 | 0,8 | Yes, but after modifying the sample and/or correcting the result | | | |
| | ± | 6 | 5 | Yes, but after modifying the sample and/or correcting the result and with a comment | | | |
| | ± | 68 | 57 | Yes | | | |
| Sample B | | 119 | | | | | 0 |
| All results | ± | 26 | 22 | No (shall explain in a comment) | | | |
| | ± | 38 | 32 | Yes, but with a comment | | | |
| | ± | 1 | 0,8 | Yes, but after modifying the sample and/or correcting the result | | | |
| | ± | 7 | 5,9 | Yes, but after modifying the sample and/or correcting the result and with a comment | | | |
| | ± | 47 | 39 | Yes | | | |
| (511) Task 2 | | 119 | | | | | 0 |
| Sample A | | 119 | | | | | 0 |
| All results | ± | 5 | 4,2 | No (shall explain in a comment) | | | |
| | ± | 27 | 23 | Yes, but with a comment | | | |
| | ± | 5 | 4,2 | Yes, but after modifying the sample and/or correcting the result and with a comment | | | |
| | ± | 82 | 69 | Yes | | | |
| Sample B | | 119 | | | | | 0 |
| All results | ± | 28 | 24 | No (shall explain in a comment) | | | |
| | ± | 34 | 29 | Yes, but with a comment | | | |
| | ± | 6 | 5 | Yes, but after modifying the sample and/or correcting the result and with a comment | | | |
| | ± | 51 | 43 | Yes | | | |
| (512) Task 3 | | 119 | | | | | 0 |
| Sample A | | 119 | | | | | 0 |
| All results | ± | 78 | 66 | No (shall explain in a comment) | | | |
| | ± | 34 | 29 | Yes, but with a comment | | | |
| | ± | 4 | 3,4 | Yes, but after modifying the sample and/or correcting the result and with a comment | | | |
| | ± | 3 | 2,5 | Yes | | | |
| Sample B | | 119 | | | | | 0 |
| All results | ± | 41 | 34 | No (shall explain in a comment) | | | |
| | ± | 38 | 32 | Yes, but with a comment | | | |
| | ± | 1 | 0,8 | Yes, but after modifying the sample and/or correcting the result | | | |
| | ± | 14 | 12 | Yes, but after modifying the sample and/or correcting the result and with a comment | | | |
| | ± | 25 | 21 | Yes | | | |