

EQA round: PAT2/24 - Direct Antiglobulin Test

Deadline: 15.11.2024

Setup: all data

| | | |
|---------------------------|---|---|
| AV = assigned value | N _{tot} = total number of the results | N _{eva} = number of the results assessed |
| RV = reference value | N _{rel} = relative number of the results | N _{suc} = number of successful results |
| >>> ... expected result | | S _{rel} = relative success |
| > ... 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} [%] |
| (1001) Direct Antiglobulin Test | | 91 | | | 91 | 91 | 100 |
| Sample 1 | | 91 | | | 91 | 91 | 100 |
| All results | > | 7 | 7,7 | Positive (1+) | | | |
| | > | 58 | 64 | Positive (2+) | | | |
| | RV >>> | 24 | 26 | Positive (3+) | | | |
| | > | 2 | 2,2 | Positive (4+) | | | |
| Sample 2 | | 91 | | | 91 | 91 | 100 |
| All results | > | 3 | 3,3 | Positive (1+) | | | |
| | > | 39 | 43 | Positive (2+) | | | |
| | RV >>> | 46 | 51 | Positive (3+) | | | |
| | > | 3 | 3,3 | Positive (4+) | | | |
| (1002) Sensitization specificity anti-IgG | | 43 | | | 43 | 43 | 100 |
| Sample 1 | | 43 | | | 43 | 43 | 100 |
| All results | > | 3 | 7 | Positive (1+) | | | |
| | > | 27 | 63 | Positive (2+) | | | |
| | RV >>> | 13 | 30 | Positive (3+) | | | |
| Sample 2 | | 43 | | | 43 | 43 | 100 |
| All results | > | 15 | 35 | Positive (2+) | | | |
| | RV >>> | 27 | 63 | Positive (3+) | | | |
| | > | 1 | 2,3 | Positive (4+) | | | |
| (1003) Sensitization specificity anti-IgA | | 31 | | | 31 | 31 | 100 |
| Sample 1 | | 31 | | | 31 | 31 | 100 |
| All results | RV >>> | 31 | 100 | Negative | | | |
| Sample 2 | | 31 | | | 31 | 31 | 100 |
| All results | RV >>> | 31 | 100 | Negative | | | |
| (1004) Sensitization specificity anti-IgM | | 31 | | | 31 | 31 | 100 |
| Sample 1 | | 31 | | | 31 | 31 | 100 |
| All results | RV >>> | 31 | 100 | Negative | | | |
| Sample 2 | | 31 | | | 31 | 31 | 100 |
| All results | RV >>> | 31 | 100 | Negative | | | |
| (1005) Sensitization specificity anti-C3c | | 31 | | | 31 | 31 | 100 |
| Sample 1 | | 31 | | | 31 | 31 | 100 |
| All results | RV >>> | 31 | 100 | Negative | | | |
| Sample 2 | | 31 | | | 31 | 31 | 100 |
| All results | RV >>> | 31 | 100 | Negative | | | |
| (1006) Sensitization specificity anti-C3d | | 39 | | | 39 | 39 | 100 |
| Sample 1 | | 39 | | | 39 | 39 | 100 |
| All results | RV >>> | 39 | 100 | Negative | | | |
| Sample 2 | | 39 | | | 39 | 39 | 100 |
| All results | RV >>> | 39 | 100 | Negative | | | |
| (1008) Col. agglut: Quantif. IgG-DAT | | 23 | | | 23 | 22 | 96 |
| Sample 1 | | 23 | | | 23 | 22 | 96 |
| All results | | 1 | 4,3 | Not specified | | | |
| | RV >>> | 14 | 61 | 1:10 | | | |
| | > | 8 | 35 | 1:30 | | | |
| Sample 2 | | 23 | | | 23 | 23 | 100 |
| All results | > | 1 | 4,3 | 1:10 | | | |
| | RV >>> | 21 | 91 | 1:30 | | | |
| | > | 1 | 4,3 | 1:100 | | | |
| (1009) Col. agglut: Subclass IgG1 1:1 | | 24 | | | 24 | 24 | 100 |
| Sample 1 | | 24 | | | 24 | 24 | 100 |
| All results | RV >>> | 24 | 100 | Negative | | | |
| Sample 2 | | 24 | | | 24 | 24 | 100 |
| All results | RV >>> | 24 | 100 | Negative | | | |
| (1010) Col. agglut: Subclass IgG1 1:100 | | 24 | | | 24 | 24 | 100 |
| Sample 1 | | 24 | | | 24 | 24 | 100 |
| All results | RV >>> | 24 | 100 | Negative | | | |
| Sample 2 | | 24 | | | 24 | 24 | 100 |
| All results | RV >>> | 24 | 100 | Negative | | | |
| (1011) Col. agglut: Subclass IgG3 1:1 | | 24 | | | 24 | 24 | 100 |
| Sample 1 | | 24 | | | 24 | 24 | 100 |
| All results | RV >>> | 24 | 100 | Negative | | | |
| Sample 2 | | 24 | | | 24 | 24 | 100 |
| All results | RV >>> | 24 | 100 | Negative | | | |

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| Test Sample Group | Frequency of the results | | | | | Success | | |
|--|--------------------------|------------------|-------------------------|---|------------------|------------------|-------------------------|--|
| | AV | N _{tot} | N _{rel} [%] | Result | N _{eva} | N _{suc} | S _{rel} [%] | |
| (1012) Col. agglut: Subclass IgG3 1:100 | | | | | | | | |
| Sample 1 | | 24 | | | 24 | 24 | 100 | |
| All results | RV >>> | 24 | 100 | Negative | 24 | 24 | 100 | |
| Sample 2 | | 24 | | | 24 | 24 | 100 | |
| All results | RV >>> | 24 | 100 | Negative | | | | |
| (1019) AB0 blood group | | | | | | | | |
| Sample 1 | | 60 | | | 60 | 60 | 100 | |
| All results | RV >>> | 60 | 100 | Blood group: A | 60 | 60 | 100 | |
| Sample 2 | | 60 | | | 60 | 60 | 100 | |
| All results | RV >>> | 60 | 100 | Blood group: 0 | | | | |
| (1020) RhD antigen | | | | | | | | |
| Sample 1 | | 60 | | | 60 | 57 | 95 | |
| All results | RV >>> | 57 | 95 | Negative (RhD-) 3 w/v (RhD weak/variant) | 60 | 57 | 95 | |
| Sample 2 | | 60 | | | 60 | 60 | 100 | |
| All results | RV >>> | 60 | 100 | Positive (RhD+) | | | | |
| (1021) Antigen C | | | | | | | | |
| Sample 1 | | 47 | | | 47 | 47 | 100 | |
| All results | RV >>> | 47 | 100 | Negative | 47 | 47 | 100 | |
| Sample 2 | | 47 | | | 47 | 47 | 100 | |
| All results | RV >>> | 47 | 100 | Positive | | | | |
| (1022) Antigen c | | | | | | | | |
| Sample 1 | | 47 | | | 47 | 47 | 100 | |
| All results | RV >>> | 47 | 100 | Positive | 47 | 47 | 100 | |
| Sample 2 | | 47 | | | 47 | 47 | 100 | |
| All results | RV >>> | 47 | 100 | Negative | | | | |
| (1024) Antigen E | | | | | | | | |
| Sample 1 | | 48 | | | 48 | 46 | 96 | |
| All results | RV >>> | 47 | 98 | Negative 1 2,1 Positive | 48 | 47 | 98 | |
| Sample 2 | | 48 | | | 48 | 47 | 98 | |
| All results | RV >>> | 47 | 98 | Not specified 1 2,1 Negative | | | | |
| (1025) Antigen e | | | | | | | | |
| Sample 1 | | 47 | | | 47 | 46 | 98 | |
| All results | RV >>> | 47 | 100 | Positive | 47 | 47 | 100 | |
| Sample 2 | | 47 | | | 47 | 46 | 98 | |
| All results | RV >>> | 46 | 98 | Negative 1 2,1 Positive | | | | |
| (1023) Antigen C^w | | | | | | | | |
| Sample 1 | | 40 | | | 40 | 39 | 98 | |
| All results | RV >>> | 40 | 100 | Negative | 40 | 40 | 100 | |
| Sample 2 | | 40 | | | 40 | 39 | 98 | |
| All results | RV >>> | 39 | 98 | Negative 1 2,5 Positive | | | | |
| (1026) Antigen K | | | | | | | | |
| Sample 1 | | 49 | | | 49 | 47 | 96 | |
| All results | RV >>> | 48 | 98 | Negative 1 2 Positive | 49 | 48 | 98 | |
| Sample 2 | | 49 | | | 49 | 48 | 98 | |
| All results | RV >>> | 48 | 98 | Negative 1 2 Positive | | | | |
| (1027) Antigen k | | | | | | | | |
| Sample 1 | | 27 | | | 27 | 27 | 100 | |
| All results | RV >>> | 27 | 100 | Positive | 27 | 27 | 100 | |
| Sample 2 | | 27 | | | 27 | 27 | 100 | |
| All results | RV >>> | 27 | 100 | Positive | | | | |
| (1039) Antigen Kp^a | | | | | | | | |
| Sample 1 | | 4 | | | 4 | 3 | 75 | |
| All results | RV >>> | 3 | 75 | Negative 1 25 Positive | 4 | 3 | 75 | |
| Sample 2 | | 4 | | | 4 | 4 | 100 | |
| All results | RV >>> | 4 | 100 | Positive | | | | |
| (1040) Antigen Kp^b | | | | | | | | |
| Sample 1 | | 2 | | | 2 | 2 | 100 | |
| All results | RV >>> | 2 | 100 | Positive | 2 | 2 | 100 | |
| Sample 2 | | 2 | | | 2 | 2 | 100 | |
| All results | RV >>> | 2 | 100 | Positive | | | | |

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| Test Sample Group | Frequency of the results | | | | | Success | | |
|--------------------------------------|--------------------------|------------------|-------------------------|----------|------------------|------------------|-------------------------|--|
| | AV | N _{tot} | N _{rel} [%] | Result | N _{eva} | N _{suc} | S _{rel} [%] | |
| (1033) Antigen Jk^a | | 29 | | | 29 | 29 | 100 | |
| Sample 1 | | 29 | | | 29 | 29 | 100 | |
| All results | RV >>> | 29 | 100 | Positive | | | | |
| Sample 2 | | 29 | | | 29 | 29 | 100 | |
| All results | RV >>> | 29 | 100 | Positive | | | | |
| (1034) Antigen Jk^b | | 29 | | | 29 | 29 | 100 | |
| Sample 1 | | 29 | | | 29 | 29 | 100 | |
| All results | RV >>> | 29 | 100 | Negative | | | | |
| Sample 2 | | 29 | | | 29 | 29 | 100 | |
| All results | RV >>> | 29 | 100 | Positive | | | | |
| (1028) Antigen M | | 27 | | | 27 | 27 | 100 | |
| Sample 1 | | 27 | | | 27 | 27 | 100 | |
| All results | RV >>> | 27 | 100 | Positive | | | | |
| Sample 2 | | 27 | | | 27 | 27 | 100 | |
| All results | RV >>> | 27 | 100 | Positive | | | | |
| (1029) Antigen N | | 25 | | | 25 | 24 | 96 | |
| Sample 1 | | 25 | | | 25 | 24 | 96 | |
| All results | RV >>> | 24 | 96 | Negative | | | | |
| | | 1 | 4 | Positive | | | | |
| Sample 2 | | 25 | | | 25 | 24 | 96 | |
| All results | RV >>> | 24 | 96 | Negative | | | | |
| | | 1 | 4 | Positive | | | | |
| (1030) Antigen S | | 25 | | | 25 | 24 | 96 | |
| Sample 1 | | 25 | | | 25 | 24 | 96 | |
| All results | RV >>> | 24 | 96 | Negative | | | | |
| | | 1 | 4 | Positive | | | | |
| Sample 2 | | 25 | | | 25 | 24 | 96 | |
| All results | RV >>> | 24 | 96 | Negative | | | | |
| | | 1 | 4 | Positive | | | | |
| (1031) Antigen s | | 19 | | | 19 | 19 | 100 | |
| Sample 1 | | 19 | | | 19 | 19 | 100 | |
| All results | RV >>> | 19 | 100 | Positive | | | | |
| Sample 2 | | 19 | | | 19 | 19 | 100 | |
| All results | RV >>> | 19 | 100 | Positive | | | | |
| (1035) Antigen Le^a | | 20 | | | 20 | 19 | 95 | |
| Sample 1 | | 20 | | | 20 | 20 | 100 | |
| All results | RV >>> | 20 | 100 | Negative | | | | |
| Sample 2 | | 20 | | | 20 | 19 | 95 | |
| All results | RV >>> | 19 | 95 | Negative | | | | |
| | | 1 | 5 | Positive | | | | |
| (1036) Antigen Le^b | | 20 | | | 20 | 18 | 90 | |
| Sample 1 | | 20 | | | 20 | 18 | 90 | |
| All results | | 2 | 10 | Negative | | | | |
| | RV >>> | 18 | 90 | Positive | | | | |
| Sample 2 | | 20 | | | 20 | 20 | 100 | |
| All results | RV >>> | 20 | 100 | Negative | | | | |
| (1032) Antigen P1 | | 21 | | | 21 | 21 | 100 | |
| Sample 1 | | 21 | | | 21 | 21 | 100 | |
| All results | RV >>> | 21 | 100 | Positive | | | | |
| Sample 2 | | 21 | | | 21 | 21 | 100 | |
| All results | RV >>> | 21 | 100 | Positive | | | | |