

Key: >>> ... marks correct (expected) result

> ... marks conditionally correct (acceptable) result

± ... marks the result not evaluated

N ... number of the results

Nrel ... relative number of the results

Test

| Sample | Group | N | Result | N _{rel} |
|--------|-------|---|--------|------------------|
|--------|-------|---|--------|------------------|

Set of samples 1 and 2**(700) AB0 blood group**

| | | | | |
|--------------------------------|-------|----------------|----------------|-------|
| E1 and S1 All results | >>> | 30 | Blood group: 0 | 100 % |
| ----- Total per sample: n = 30 | ----- | Success: 100 % | ----- | ----- |
| E2 and S2 All results | >>> | 30 | Blood group: B | 100 % |
| ----- Total per sample: n = 30 | ----- | Success: 100 % | ----- | ----- |
| Total success: 100 % | | | | |

(705) Rh D antigen (blood-donor)

| | | | | |
|--------------------------------|-------|----------------|------------------------|-------|
| E1 and S1 All results | | 13 | Negative (RhD-) | 57 % |
| | > | 4 | Positive (RhD+) | 17 % |
| | >>> | 6 | w/v (RhD weak/variant) | 26 % |
| ----- Total per sample: n = 23 | ----- | Success: 43 % | ----- | ----- |
| E2 and S2 All results | >>> | 23 | Positive (RhD+) | 100 % |
| ----- Total per sample: n = 23 | ----- | Success: 100 % | ----- | ----- |
| Total success: 43 % | | | | |

(709) Rh D antigen (recipient)

| | | | | |
|--------------------------------|-------|----------------|------------------------|-------|
| E1 and S1 All results | >>> | 27 | Negative (RhD-) | 93 % |
| | >>> | 2 | w/v (RhD weak/variant) | 6,9 % |
| ----- Total per sample: n = 29 | ----- | Success: 100 % | ----- | ----- |
| E2 and S2 All results | >>> | 29 | Positive (RhD+) | 100 % |
| ----- Total per sample: n = 29 | ----- | Success: 100 % | ----- | ----- |
| Total success: 100 % | | | | |

(715) Antigen C

| | | | | |
|--------------------------------|-------|----------------|----------|-------|
| E1 and S1 All results | >>> | 14 | Negative | 93 % |
| | | 1 | Positive | 6,7 % |
| ----- Total per sample: n = 15 | ----- | Success: 93 % | ----- | ----- |
| E2 and S2 All results | >>> | 15 | Negative | 100 % |
| ----- Total per sample: n = 15 | ----- | Success: 100 % | ----- | ----- |
| Total success: 93 % | | | | |

(716) Antigen c

| | | | | |
|--------------------------------|-------|----------------|----------|-------|
| E1 and S1 All results | | 1 | Negative | 6,7 % |
| | >>> | 14 | Positive | 93 % |
| ----- Total per sample: n = 15 | ----- | Success: 93 % | ----- | ----- |
| E2 and S2 All results | >>> | 15 | Positive | 100 % |
| ----- Total per sample: n = 15 | ----- | Success: 100 % | ----- | ----- |
| Total success: 93 % | | | | |

(717) Antigen Cw

| | | | | |
|-------------------------------|-------|----------------|----------|-------|
| E1 and S1 All results | >>> | 6 | Negative | 100 % |
| ----- Total per sample: n = 6 | ----- | Success: 100 % | ----- | ----- |
| E2 and S2 All results | >>> | 6 | Negative | 100 % |
| ----- Total per sample: n = 6 | ----- | Success: 100 % | ----- | ----- |
| Total success: 100 % | | | | |

(718) Antigen E

| | | | | |
|--------------------------------|-------|----------------|----------|-------|
| E1 and S1 All results | >>> | 15 | Positive | 100 % |
| ----- Total per sample: n = 15 | ----- | Success: 100 % | ----- | ----- |
| E2 and S2 All results | >>> | 15 | Positive | 100 % |
| ----- Total per sample: n = 15 | ----- | Success: 100 % | ----- | ----- |
| Total success: 100 % | | | | |

(719) Antigen e

| | | | | |
|--------------------------------|-------|----------------|----------|-------|
| E1 and S1 All results | | 1 | Negative | 6,7 % |
| | >>> | 14 | Positive | 93 % |
| ----- Total per sample: n = 15 | ----- | Success: 93 % | ----- | ----- |
| E2 and S2 All results | >>> | 15 | Negative | 100 % |
| ----- Total per sample: n = 15 | ----- | Success: 100 % | ----- | ----- |
| Total success: 93 % | | | | |

(720) Antigen K

| | | | | |
|--------------------------------|-------|----------------|----------|-------|
| E1 and S1 All results | >>> | 16 | Negative | 100 % |
| ----- Total per sample: n = 16 | ----- | Success: 100 % | ----- | ----- |
| E2 and S2 All results | >>> | 16 | Negative | 100 % |
| ----- Total per sample: n = 16 | ----- | Success: 100 % | ----- | ----- |
| Total success: 100 % | | | | |

Test

| Sample | Group | N | Result | N _{rel} |
|-------------------------------|----------------------|-----|------------|------------------|
| (721) Antigen k | | | | |
| E1 and S1 All results | | >>> | 5 Positive | 100 % |
| ----- Total per sample: n = 5 | ----- Success: 100 % | | | |
| E2 and S2 All results | | >>> | 5 Positive | 100 % |
| ----- Total per sample: n = 5 | ----- Success: 100 % | | | |
| Total success: 100 % | | | | |
| (722) Antigen M | | | | |
| E1 and S1 All results | | >>> | 5 Positive | 100 % |
| ----- Total per sample: n = 5 | ----- Success: 100 % | | | |
| E2 and S2 All results | | >>> | 5 Positive | 100 % |
| ----- Total per sample: n = 5 | ----- Success: 100 % | | | |
| Total success: 100 % | | | | |
| (723) Antigen N | | | | |
| E1 and S1 All results | | >>> | 5 Negative | 100 % |
| ----- Total per sample: n = 5 | ----- Success: 100 % | | | |
| E2 and S2 All results | | >>> | 5 Negative | 100 % |
| ----- Total per sample: n = 5 | ----- Success: 100 % | | | |
| Total success: 100 % | | | | |
| (724) Antigen S | | | | |
| E1 and S1 All results | | >>> | 1 Negative | 20 % |
| ----- Total per sample: n = 5 | ----- Success: 80 % | | 4 Positive | 80 % |
| E2 and S2 All results | | >>> | 5 Positive | 100 % |
| ----- Total per sample: n = 5 | ----- Success: 100 % | | | |
| Total success: 80 % | | | | |
| (725) Antigen s | | | | |
| E1 and S1 All results | | >>> | 4 Negative | 80 % |
| ----- Total per sample: n = 5 | ----- Success: 80 % | | 1 Positive | 20 % |
| E2 and S2 All results | | >>> | 5 Positive | 100 % |
| ----- Total per sample: n = 5 | ----- Success: 100 % | | | |
| Total success: 80 % | | | | |
| (726) Antigen P1 | | | | |
| E1 and S1 All results | | >>> | 5 Positive | 100 % |
| ----- Total per sample: n = 5 | ----- Success: 100 % | | | |
| E2 and S2 All results | | >>> | 5 Positive | 100 % |
| ----- Total per sample: n = 5 | ----- Success: 100 % | | | |
| Total success: 100 % | | | | |
| (727) Antigen Fya | | | | |
| E1 and S1 All results | | >>> | 1 Negative | 20 % |
| ----- Total per sample: n = 5 | ----- Success: 80 % | | 4 Positive | 80 % |
| E2 and S2 All results | | >>> | 5 Positive | 100 % |
| ----- Total per sample: n = 5 | ----- Success: 100 % | | | |
| Total success: 80 % | | | | |
| (728) Antigen Fyb | | | | |
| E1 and S1 All results | | >>> | 4 Negative | 80 % |
| ----- Total per sample: n = 5 | ----- Success: 80 % | | 1 Positive | 20 % |
| E2 and S2 All results | | >>> | 5 Positive | 100 % |
| ----- Total per sample: n = 5 | ----- Success: 100 % | | | |
| Total success: 80 % | | | | |
| (729) Antigen Jka | | | | |
| E1 and S1 All results | | >>> | 5 Positive | 100 % |
| ----- Total per sample: n = 5 | ----- Success: 100 % | | | |
| E2 and S2 All results | | >>> | 5 Negative | 100 % |
| ----- Total per sample: n = 5 | ----- Success: 100 % | | | |
| Total success: 100 % | | | | |
| (730) Antigen Jkb | | | | |
| E1 and S1 All results | | >>> | 5 Negative | 100 % |
| ----- Total per sample: n = 5 | ----- Success: 100 % | | | |
| E2 and S2 All results | | >>> | 5 Positive | 100 % |
| ----- Total per sample: n = 5 | ----- Success: 100 % | | | |
| Total success: 100 % | | | | |
| (731) Antigen Lua | | | | |
| E1 and S1 All results | | >>> | 4 Negative | 100 % |

Test

| Sample | Group | N | Result | N _{rel} |
|---|-------------|-------|----------|------------------|
| Total per sample: n = 4 Success: 100 % | | | | |
| E2 and S2 | All results | >>> 4 | Negative | 100 % |
| Total per sample: n = 4 Success: 100 % | | | | |
| Total success: 100 % | | | | |
| (732) Antigen Lub | | | | |
| E1 and S1 All results >>> 4 Positive 100 % | | | | |
| Total per sample: n = 4 Success: 100 % | | | | |
| E2 and S2 All results >>> 4 Positive 100 % | | | | |
| Total per sample: n = 4 Success: 100 % | | | | |
| Total success: 100 % | | | | |
| (733) Antigen Lea | | | | |
| E1 and S1 All results >>> 4 Negative 80 % | | | | |
| 1 Positive 20 % | | | | |
| Total per sample: n = 5 Success: 80 % | | | | |
| E2 and S2 All results >>> 5 Positive 100 % | | | | |
| Total per sample: n = 5 Success: 100 % | | | | |
| Total success: 80 % | | | | |
| (734) Antigen Leb | | | | |
| E1 and S1 All results 1 Negative 20 % | | | | |
| >>> 4 Positive 80 % | | | | |
| Total per sample: n = 5 Success: 80 % | | | | |
| E2 and S2 All results >>> 5 Negative 100 % | | | | |
| Total per sample: n = 5 Success: 100 % | | | | |
| Total success: 80 % | | | | |
| (737) Direct Coombs (antiglobulin) test | | | | |
| E1 and S1 All results >>> 29 Negative 97 % | | | | |
| 1 Positive 3,3 % | | | | |
| Total per sample: n = 30 Success: 97 % | | | | |
| E2 and S2 All results >>> 30 Negative 100 % | | | | |
| Total per sample: n = 30 Success: 100 % | | | | |
| Total success: 97 % | | | | |
| (741) Antibody screening (IAT, blood donor) | | | | |
| E1 and S1 All results >>> 22 Positive 100 % | | | | |
| Total per sample: n = 22 Success: 100 % | | | | |
| E2 and S2 All results >>> 22 Positive 100 % | | | | |
| Total per sample: n = 22 Success: 100 % | | | | |
| Total success: 100 % | | | | |
| (743) Antibody screening (IAT, recipient) | | | | |
| E1 and S1 All results >>> 30 Positive 100 % | | | | |
| Total per sample: n = 30 Success: 100 % | | | | |
| E2 and S2 All results >>> 30 Positive 100 % | | | | |
| Total per sample: n = 30 Success: 100 % | | | | |
| Total success: 100 % | | | | |
| (745) Antibody screening (IAT, pregnant) | | | | |
| E1 and S1 All results >>> 24 Positive 100 % | | | | |
| Total per sample: n = 24 Success: 100 % | | | | |
| E2 and S2 All results >>> 24 Positive 100 % | | | | |
| Total per sample: n = 24 Success: 100 % | | | | |
| Total success: 100 % | | | | |
| (747) Antibody screening (enzyme test) | | | | |
| E1 and S1 All results >>> 12 Positive 100 % | | | | |
| Total per sample: n = 12 Success: 100 % | | | | |
| E2 and S2 All results >>> 12 Positive 100 % | | | | |
| Total per sample: n = 12 Success: 100 % | | | | |
| Total success: 100 % | | | | |
| (750) Antibody identification | | | | |
| E1 and S1 All results >>> 6 anti-D 100 % | | | | |
| Total per sample: n = 6 Success: 100 % | | | | |
| E2 and S2 All results >>> 1 Not specified 17 % | | | | |
| >>> 2 anti-C; anti-e 33 % | | | | |
| > 1 anti-C; anti-e; anti-Cw 17 % | | | | |
| > 2 anti-e 33 % | | | | |
| Total per sample: n = 6 Success: 83 % | | | | |
| Total success: 83 % | | | | |
| (752) Antibody titre, Sample 1: 1st antibody | | | | |
| E1 and S1 All results ± 1 titre 64 25 % | | | | |

Test

| Sample | Group | N | Result | N _{rel} |
|--|-------------|-----|-----------|------------------|
| E1 and S1 | All results | ± 3 | titre 128 | 75 % |
| Total per sample: n = 4 Success (only evaluated results): evaluation | | | | |

(756) Antibody titre, Sample 2: 1st antibody

| | | | | |
|--|-------------|-----|-----------|------|
| E2 and S2 | All results | ± 2 | titre 16 | 67 % |
| | | ± 1 | titre 128 | 33 % |
| Total per sample: n = 3 Success (only evaluated results): evaluation | | | | |

(757) Antibody titre, Sample 2: 2nd antibody

| | | | | |
|--|-------------|-----|----------|------|
| E2 and S2 | All results | ± 2 | titre 1 | 50 % |
| | | ± 1 | titre 8 | 25 % |
| | | ± 1 | titre 16 | 25 % |
| Total per sample: n = 4 Success (only evaluated results): evaluation | | | | |

Set of samples 3**(760) Crossmatch**

| | | | | |
|---|-------------|---------|---------------------------|--------|
| S1 | All results | 1 | Crossmatch not successful | 0,88 % |
| | | >>> 113 | Crossmatch successful | 99 % |
| Total per sample: n = 114 Success: 99 % | | | | |
| S2 | All results | 5 | Crossmatch not successful | 4,4 % |
| | | >>> 109 | Crossmatch successful | 96 % |
| Total per sample: n = 114 Success: 96 % | | | | |
| Total success: 96 % | | | | |

(761) Crossmatch (segment K1)

| | | | | |
|---|-------------|--------|---------------|-------|
| S1 | All results | >>> 24 | Positive test | 100 % |
| Total per sample: n = 24 Success: 100 % | | | | |
| S2 | All results | 2 | Negative test | 8,3 % |
| | | >>> 22 | Positive test | 92 % |
| Total per sample: n = 24 Success: 92 % | | | | |
| Total success: 92 % | | | | |

(762) Serve transfusion product (segment K1)

| | | | | |
|---|-------------|------|--|-------|
| S1 | All results | ± 24 | Impossible, risk of haemolysis | 100 % |
| Total per sample: n = 24 Success (only evaluated results): evaluation | | | | |
| S2 | All results | ± 22 | Impossible, risk of haemolysis | 92 % |
| | | ± 2 | Decision depends on results of other tests not performed in our laboratory | 8,3 % |
| Total per sample: n = 24 Success (only evaluated results): evaluation | | | | |

(764) Crossmatch (segment K2)

| | | | | |
|---|-------------|--------|---------------|-------|
| S1 | All results | >>> 24 | Negative test | 100 % |
| Total per sample: n = 24 Success: 100 % | | | | |
| S2 | All results | >>> 24 | Positive test | 100 % |
| Total per sample: n = 24 Success: 100 % | | | | |
| Total success: 100 % | | | | |

(765) Serve transfusion product (segment K2)

| | | | | |
|---|-------------|------|--|-------|
| S1 | All results | ± 12 | Decision depends on results of other tests not performed in our laboratory | 50 % |
| | | ± 2 | Only if more suitable products are not available | 8,3 % |
| | | ± 10 | Possible | 42 % |
| Total per sample: n = 24 Success (only evaluated results): evaluation | | | | |
| S2 | All results | ± 24 | Impossible, risk of haemolysis | 100 % |
| Total per sample: n = 24 Success (only evaluated results): evaluation | | | | |