

Cyklus EHK: T05/24 - Imunofenotypizace (studie)

Stop termín: 22.4.2024

Nastavení: skupiny - R (výrobce reagensů); minimální četnost skupin n = 5

| | | |
|---|---|---|
| RoM = robustní průměr | AV = vztažná hodnota | D _{max} = přijatelný rozdíl |
| SD = směrodatná odchylka | CVP = konsenzus všech účastníků | LL = dolní mez |
| CV = variační koeficient | U _{AV} = rozšířená nejistota vztažné hodnoty (k = 2) | UL = horní mez |
| N _{tot} = celkový počet výsledků | | N _{eva} = počet hodnocených výsledků |
| N _{out} = počet výsledků vyloučených před výpočtem | | N _{suc} = počet úspěšných výsledků |
| | | S _{rel} = relativní úspěšnost |

| Zkouška | | | | | | | Srovnatelnost | | | | | | | | |
|---|------------|------|------|-----|------------------|------------------|-------------------------------------|-----------------|------------------|------|------|------------------|------------------|------------------|----|
| Vzorek | | RoM | SD | CV | N _{tot} | N _{out} | AV | U _{AV} | D _{max} | LL | UL | N _{eva} | N _{suc} | S _{rel} | |
| Skupina | [jednotka] | | | [%] | | | | | | | | | | [%] | |
| (637) B lymfocyty (CD5+CD19+) | | | | | | | | | | | | 25 | 19 | 76 | |
| Vzorek A | | 15,8 | 15 | 96 | 25 | | CVP | 15,8 | 7,4 | 100% | 0 | 31,6 | 25 | 20 | 80 |
| (12) Beckman Coulter | | 15,8 | 15 | 95 | 17 | 0 | | | | | | 17 | | | |
| (88) Becton Dickinson | | 9,8 | 5,3 | 54 | 5 | 0 | | | | | | 5 | | | |
| Ostatní | | | | | 3 | 0 | | | | | | 3 | | | |
| | | | | | | | 1x 0, 1x 36, 1x 999 | | | | | | | | |
| Vzorek B | | 13,1 | 13 | 100 | 25 | | CVP | 13,1 | 6,6 | 100% | 0 | 26,2 | 25 | 19 | 76 |
| (12) Beckman Coulter | | 13 | 13 | 100 | 17 | 0 | | | | | | 17 | | | |
| (88) Becton Dickinson | | 8,1 | 4,2 | 51 | 5 | 0 | | | | | | 5 | | | |
| Ostatní | | | | | 3 | 0 | | | | | | 3 | | | |
| | | | | | | | 1x 0, 1x 36, 1x 999 | | | | | | | | |
| (638) Izotypově přepnuté paměťové B lymfocyty | | | | | | | | | | | | 15 | 13 | 87 | |
| Vzorek A | | 17,5 | 6,3 | 36 | 15 | | CVP | 17,5 | 4 | 60% | 7 | 28 | 15 | 13 | 87 |
| (12) Beckman Coulter | | 16,7 | 2,2 | 13 | 8 | 0 | | | | | | 8 | | | |
| Ostatní | | | | | 7 | 0 | | | | | | 7 | | | |
| | | | | | | | 1x 36, 4x 88, 1x 190, 1x 999 | | | | | | | | |
| Vzorek B | | 13,9 | 3,3 | 24 | 15 | | CVP | 13,9 | 2,1 | 60% | 5,56 | 22,3 | 15 | 14 | 93 |
| (12) Beckman Coulter | | 13,5 | 3 | 23 | 8 | 0 | | | | | | 8 | | | |
| Ostatní | | | | | 7 | 0 | | | | | | 7 | | | |
| | | | | | | | 1x 36, 4x 88, 1x 190, 1x 999 | | | | | | | | |
| (639) Naivní B lymfocyty | | | | | | | | | | | | 17 | 13 | 76 | |
| Vzorek A | | 61,1 | 6,2 | 10 | 17 | | CVP | 61,1 | 3,7 | 20% | 48,8 | 73,4 | 17 | 15 | 88 |
| (12) Beckman Coulter | | 61,5 | 8,2 | 13 | 10 | 0 | | | | | | 10 | | | |
| Ostatní | | | | | 7 | 0 | | | | | | 7 | | | |
| | | | | | | | 1x 0, 1x 36, 3x 88, 1x 190, 1x 999 | | | | | | | | |
| Vzorek B | | 75,4 | 3,9 | 5,2 | 17 | | CVP | 75,4 | 2,3 | 10% | 67,8 | 83 | 17 | 14 | 82 |
| (12) Beckman Coulter | | 75,4 | 3,9 | 5,2 | 10 | 0 | | | | | | 10 | | | |
| Ostatní | | | | | 7 | 0 | | | | | | 7 | | | |
| | | | | | | | 1x 0, 1x 36, 3x 88, 1x 190, 1x 999 | | | | | | | | |
| (640) Aktivované T lymfocyty (HLA-DR+) | | | | | | | | | | | | 46 | 40 | 87 | |
| Vzorek A | | 3,99 | 2,8 | 71 | 46 | | CVP | 3,99 | 1 | 100% | 0 | 7,98 | 46 | 40 | 87 |
| (12) Beckman Coulter | | 4,14 | 3,2 | 77 | 28 | 0 | | | | | | 28 | | | |
| (88) Becton Dickinson | | 5,85 | 2 | 34 | 6 | 0 | | | | | | 6 | | | |
| Ostatní | | | | | 12 | 0 | | | | | | 12 | | | |
| | | | | | | | 2x 0, 2x 36, 1x 177, 4x 190, 3x 999 | | | | | | | | |
| Vzorek B | | 7,86 | 4,3 | 54 | 46 | | CVP | 7,86 | 1,5 | 100% | 0 | 15,8 | 46 | 44 | 96 |
| (12) Beckman Coulter | | 8,54 | 5,1 | 60 | 28 | 0 | | | | | | 28 | | | |
| (88) Becton Dickinson | | 8,75 | 1,9 | 21 | 6 | 0 | | | | | | 6 | | | |
| Ostatní | | | | | 12 | 0 | | | | | | 12 | | | |
| | | | | | | | 2x 0, 2x 36, 1x 177, 4x 190, 3x 999 | | | | | | | | |
| (641) gamma-delta T lymfocyty (CD3+TcRγδ+) | | | | | | | | | | | | 22 | 20 | 91 | |
| Vzorek A | | 4,82 | 0,86 | 18 | 22 | | CVP | 4,82 | 0,45 | 40% | 2,89 | 6,75 | 22 | 21 | 95 |
| (12) Beckman Coulter | | 4,89 | 1 | 21 | 15 | 0 | | | | | | 15 | | | |
| Ostatní | | | | | 7 | 0 | | | | | | 7 | | | |
| | | | | | | | 2x 0, 1x 36, 3x 88, 1x 999 | | | | | | | | |
| Vzorek B | | 6,45 | 1,4 | 22 | 22 | | CVP | 6,45 | 0,75 | 40% | 3,87 | 9,03 | 22 | 21 | 95 |
| (12) Beckman Coulter | | 6,22 | 1,5 | 25 | 15 | 0 | | | | | | 15 | | | |
| Ostatní | | | | | 7 | 0 | | | | | | 7 | | | |
| | | | | | | | 2x 0, 1x 36, 3x 88, 1x 999 | | | | | | | | |
| (642) T regulační lymfocyty | | | | | | | | | | | | 31 | 27 | 87 | |
| Vzorek A | | 3,93 | 1,6 | 42 | 31 | | CVP | 3,93 | 0,73 | 70% | 1,17 | 6,69 | 31 | 27 | 87 |
| (12) Beckman Coulter | | 3,81 | 2 | 51 | 18 | 0 | | | | | | 18 | | | |
| (88) Becton Dickinson | | 5,1 | 1 | 20 | 6 | 0 | | | | | | 6 | | | |
| Ostatní | | | | | 7 | 0 | | | | | | 7 | | | |
| | | | | | | | 1x 0, 2x 36, 1x 177, 1x 190, 2x 999 | | | | | | | | |
| Vzorek B | | 5,75 | 1,6 | 28 | 31 | | CVP | 5,75 | 0,72 | 70% | 1,72 | 9,78 | 31 | 29 | 94 |
| (12) Beckman Coulter | | 5,78 | 1,7 | 29 | 18 | 0 | | | | | | 18 | | | |
| (88) Becton Dickinson | | 6,65 | 1,4 | 21 | 6 | 0 | | | | | | 6 | | | |
| Ostatní | | | | | 7 | 0 | | | | | | 7 | | | |
| | | | | | | | 1x 0, 2x 36, 1x 177, 1x 190, 2x 999 | | | | | | | | |

Cyklus EHK: T05/24 - Imunofenotypizace (studie)

Stop termín: 22.4.2024

Nastavení: skupiny - R (výrobce reagensů); minimální četnost skupin n = 5

| Zkouška | | RoM | SD | CV [%] | N _{tot} | N _{out} | Srovnatelnost | | | | | | | N _{eva} | N _{suc} | S _{rel} [%] |
|--|---------|-----------------------|-------|--------|------------------|------------------|---|-------|-----------------|------------------|-------|-------|----|------------------|------------------|----------------------|
| Vzorek | Skupina | | | | | | [jednotka] | AV | U _{AV} | D _{max} | LL | UL | | | | |
| (643) Naivní Th lymfocyty | | [% z Th] | | | 18 | | | | | | | | 18 | 17 | 94 | |
| Vzorek A | | | 35 | 10 | 28 | 18 | CVP | 35 | 5,8 | 55% | 15,7 | 54,3 | 18 | 18 | 100 | |
| (12) Beckman Coulter | | | 35 | 11 | 31 | 12 | | | | | | | 12 | | | |
| Ostatní | | | | | 6 | 0 | 4x 88, 1x 190, 1x 999 | | | | | | | 6 | | |
| Vzorek B | | | 36,9 | 9,5 | 26 | 18 | CVP | 36,9 | 5,5 | 55% | 16,6 | 57,2 | 18 | 17 | 94 | |
| (12) Beckman Coulter | | | 37,5 | 8,6 | 23 | 12 | | | | | | | 12 | | | |
| Ostatní | | | | | 6 | 0 | 4x 88, 1x 190, 1x 999 | | | | | | | 6 | | |
| (630) Leukocyty | | [·10 ⁹ /L] | | | 31 | | | | | | | | 31 | 28 | 90 | |
| Vzorek A | | | 2,87 | 0,21 | 7,4 | 31 | CVP | 2,87 | 0,093 | 15% | 2,43 | 3,31 | 31 | 29 | 94 | |
| (12) Beckman Coulter | | | 2,86 | 0,089 | 3,1 | 6 | | | | | | | 6 | | | |
| (63) Sysmex | | | 2,9 | 0,2 | 7,1 | 19 | | | | | | | 19 | | | |
| Ostatní | | | | | 6 | 0 | 1x 0, 1x 1, 4x 177 | | | | | | | 6 | | |
| Vzorek B | | | 3,01 | 0,13 | 4,3 | 31 | CVP | 3,01 | 0,057 | 10% | 2,7 | 3,32 | 31 | 30 | 97 | |
| (12) Beckman Coulter | | | 2,95 | 0,074 | 2,5 | 6 | | | | | | | 6 | | | |
| (63) Sysmex | | | 3,02 | 0,13 | 4,2 | 19 | | | | | | | 19 | | | |
| Ostatní | | | | | 6 | 0 | 1x 0, 1x 1, 4x 177 | | | | | | | 6 | | |
| (631) Lymfocyty | | [·10 ⁹ /L] | | | 32 | | | | | | | | 32 | 29 | 91 | |
| Vzorek A | | | 1,3 | 0,2 | 15 | 32 | CVP | 1,3 | 0,087 | 30% | 0,91 | 1,69 | 32 | 30 | 94 | |
| (12) Beckman Coulter | | | 1,2 | 0,069 | 5,8 | 5 | | | | | | | 5 | | | |
| (63) Sysmex | | | 1,38 | 0,17 | 12 | 18 | | | | | | | 18 | | | |
| Ostatní | | | | | 9 | 0 | 2x 0, 1x 1, 1x 36, 4x 177, 1x 999 | | | | | | | 9 | | |
| Vzorek B | | | 0,818 | 0,14 | 17 | 32 | CVP | 0,818 | 0,062 | 30% | 0,572 | 1,07 | 32 | 29 | 91 | |
| (12) Beckman Coulter | | | 0,725 | 0,062 | 8,6 | 5 | | | | | | | 5 | | | |
| (63) Sysmex | | | 0,9 | 0,077 | 8,6 | 18 | | | | | | | 18 | | | |
| Ostatní | | | | | 9 | 0 | 2x 0, 1x 1, 1x 36, 4x 177, 1x 999 | | | | | | | 9 | | |
| (644) B lymfocyty (CD5+CD19+) (abs. počet) | | [·10 ⁹ /L] | | | 17 | | | | | | | | 17 | 14 | 82 | |
| Vzorek A | | | 0,044 | 0,036 | 83 | 17 | CVP | 0,044 | 0,021 | 100% | 0 | 0,088 | 17 | 15 | 88 | |
| (12) Beckman Coulter | | | 0,043 | 0,032 | 73 | 11 | | | | | | | 11 | | | |
| Ostatní | | | | | 6 | 0 | 1x 0, 1x 63, 2x 88, 1x 177, 1x 999 | | | | | | | 6 | | |
| Vzorek B | | | 0,019 | 0,017 | 90 | 17 | CVP | 0,019 | 0,01 | 100% | 0 | 0,038 | 17 | 14 | 82 | |
| (12) Beckman Coulter | | | 0,021 | 0,017 | 85 | 11 | | | | | | | 11 | | | |
| Ostatní | | | | | 6 | 0 | 1x 0, 1x 63, 2x 88, 1x 177, 1x 999 | | | | | | | 6 | | |
| (645) Izotypově přepnuté paměťové B lymfocyty (abs. počet) | | [·10 ⁹ /L] | | | 10 | | | | | | | | 10 | 9 | 90 | |
| Vzorek A | | | 0,03 | 0,013 | 43 | 10 | CVP | 0,03 | 0,01 | 70% | 0,009 | 0,051 | 10 | 9 | 90 | |
| (12) Beckman Coulter | | | 0,031 | 0,013 | 43 | 7 | | | | | | | 7 | | | |
| Ostatní | | | | | 3 | 0 | 1x 63, 1x 177, 1x 999 | | | | | | | 3 | | |
| Vzorek B | | | 0,012 | 0,003 | 28 | 10 | CVP | 0,012 | 0,003 | 70% | 0,003 | 0,021 | 10 | 10 | 100 | |
| (12) Beckman Coulter | | | 0,011 | 0,003 | 27 | 7 | | | | | | | 7 | | | |
| Ostatní | | | | | 3 | 0 | 1x 63, 1x 177, 1x 999 | | | | | | | 3 | | |
| (646) Naivní B lymfocyty (abs. počet) | | [·10 ⁹ /L] | | | 12 | | | | | | | | 12 | 11 | 92 | |
| Vzorek A | | | 0,091 | 0,022 | 25 | 12 | CVP | 0,091 | 0,016 | 50% | 0,045 | 0,137 | 12 | 11 | 92 | |
| (12) Beckman Coulter | | | 0,103 | 0,022 | 22 | 7 | | | | | | | 7 | | | |
| Ostatní | | | | | 5 | 0 | 1x 0, 1x 63, 1x 88, 1x 177, 1x 999 | | | | | | | 5 | | |
| Vzorek B | | | 0,054 | 0,013 | 24 | 12 | CVP | 0,054 | 0,009 | 50% | 0,027 | 0,081 | 12 | 11 | 92 | |
| (12) Beckman Coulter | | | 0,059 | 0,013 | 22 | 7 | | | | | | | 7 | | | |
| Ostatní | | | | | 5 | 0 | 1x 0, 1x 63, 1x 88, 1x 177, 1x 999 | | | | | | | 5 | | |
| (647) Aktivované T lymfocyty (HLA-DR+) (abs.p) | | [·10 ⁹ /L] | | | 31 | | | | | | | | 31 | 24 | 77 | |
| Vzorek A | | | 0,04 | 0,03 | 75 | 31 | CVP | 0,04 | 0,013 | 100% | 0 | 0,08 | 31 | 25 | 81 | |
| (12) Beckman Coulter | | | 0,045 | 0,034 | 74 | 16 | | | | | | | 16 | | | |
| Ostatní | | | | | 15 | 0 | 3x 0, 1x 36, 3x 63, 1x 88, 2x 177, 3x 190, 2x 999 | | | | | | | 15 | | |
| Vzorek B | | | 0,049 | 0,025 | 51 | 31 | CVP | 0,049 | 0,011 | 100% | 0 | 0,098 | 31 | 26 | 84 | |
| (12) Beckman Coulter | | | 0,054 | 0,018 | 34 | 16 | | | | | | | 16 | | | |
| Ostatní | | | | | 15 | 0 | 3x 0, 1x 36, 3x 63, 1x 88, 2x 177, 3x 190, 2x 999 | | | | | | | 15 | | |

Cyklus EHK: T05/24 - Imunofenotypizace (studie)

Nastavení: skupiny - R (výrobce reagentů); minimální četnost skupin n = 5

Stop termín: 22.4.2024

| Zkouška | | | | | | | Srovnatelnost | | | | | | | | |
|---|------------|-----------------------|-------|-----|------------------|------------------|------------------------------------|-----------------|------------------|------|-------|------------------|------------------|------------------|----|
| Vzorek | | RoM | SD | CV | N _{tot} | N _{out} | AV | U _{AV} | D _{max} | LL | UL | N _{eva} | N _{suc} | S _{rel} | |
| Skupina | [jednotka] | | | [%] | | | | | | | | | | [%] | |
| (648) gamma-delta T lymfocyty (CD3+TcRγδ+) (abs. počet) | | [·10 ⁹ /L] | | | 15 | | | | | | | 15 | 13 | 87 | |
| Vzorek A | | 0,046 | 0,012 | 26 | 15 | | CVP | 0,046 | 0,008 | 55% | 0,02 | 0,072 | 15 | 14 | 93 |
| (12) Beckman Coulter | | 0,049 | 0,013 | 27 | 9 | 0 | | | | | | 9 | | | |
| Ostatní | | | | | 6 | 0 | | | | | | 6 | | | |
| | | | | | | | 1x 0, 1x 58, 1x 88, 1x 177, 2x 999 | | | | | | | | |
| Vzorek B | | 0,038 | 0,011 | 28 | 15 | | CVP | 0,038 | 0,007 | 55% | 0,017 | 0,059 | 15 | 13 | 87 |
| (12) Beckman Coulter | | 0,037 | 0,01 | 28 | 9 | 0 | | | | | | 9 | | | |
| Ostatní | | | | | 6 | 0 | | | | | | 6 | | | |
| | | | | | | | 1x 0, 1x 58, 1x 88, 1x 177, 2x 999 | | | | | | | | |
| (649) T regulační lymfocyty (abs. počet) | | [·10 ⁹ /L] | | | 22 | | | | | | | 22 | 19 | 86 | |
| Vzorek A | | 0,029 | 0,018 | 64 | 22 | | CVP | 0,029 | 0,01 | 100% | 0 | 0,058 | 22 | 19 | 86 |
| (12) Beckman Coulter | | 0,031 | 0,02 | 63 | 11 | 0 | | | | | | 11 | | | |
| Ostatní | | | | | 11 | 0 | | | | | | 11 | | | |
| | | | | | | | 2x 0, 2x 63, 2x 88, 1x 177, 4x 999 | | | | | | | | |
| Vzorek B | | 0,03 | 0,021 | 71 | 22 | | CVP | 0,03 | 0,011 | 100% | 0 | 0,06 | 22 | 20 | 91 |
| (12) Beckman Coulter | | 0,031 | 0,02 | 66 | 11 | 0 | | | | | | 11 | | | |
| Ostatní | | | | | 11 | 0 | | | | | | 11 | | | |
| | | | | | | | 2x 0, 2x 63, 2x 88, 1x 177, 4x 999 | | | | | | | | |
| (650) Naivní Th lymfocyty (abs. počet) | | [·10 ⁹ /L] | | | 12 | | | | | | | 12 | 11 | 92 | |
| Vzorek A | | 0,206 | 0,095 | 46 | 12 | | CVP | 0,206 | 0,067 | 100% | 0 | 0,412 | 12 | 11 | 92 |
| (12) Beckman Coulter | | 0,183 | 0,1 | 55 | 8 | 0 | | | | | | 8 | | | |
| Ostatní | | | | | 4 | 0 | | | | | | 4 | | | |
| | | | | | | | 1x 63, 1x 88, 1x 177, 1x 999 | | | | | | | | |
| Vzorek B | | 0,137 | 0,075 | 55 | 12 | | CVP | 0,137 | 0,053 | 100% | 0 | 0,274 | 12 | 11 | 92 |
| (12) Beckman Coulter | | 0,132 | 0,042 | 32 | 8 | 0 | | | | | | 8 | | | |
| Ostatní | | | | | 4 | 0 | | | | | | 4 | | | |
| | | | | | | | 1x 63, 1x 88, 1x 177, 1x 999 | | | | | | | | |