**Bijlage I: FISH Probelijst hematologische aandoeningen**

|  **Nr.** | **Probenaam** | **Specifiek voor:** | **Cut-off waarde (%)** | **Leverancier** | **Werkopl** | **Verdunning** |
| --- | --- | --- | --- | --- | --- | --- |
| 65 | LSI BCR(SG)/ABL(SO) ES DC | t(9;22)(q34;q11.2) / BCR::ABL1 | 1.3 | Abbott (Vysis)  | ja | 1:9 |
| 66 | FIP1L1(SG)/CHIC2(SO)/PDGFRA(SG)(4q12) Deletion, Break | FIP1L1-PDGFRA (4q12) fusie / PDGFRA (4q12) -rearrangement | 1.6 | Leica (Kreatech) |  | onverdund |
| 67 | FGFR1 DC break apart | FGFR1 (8p11)-rearrangement | 8 | Leica (Kreatech) |  | onverdund |
| 68 | LSI CBFB DC break apart | CBFB (16q22)-rearrangement | 1 | Abbott (Vysis) | ja | 1:9 |
| 69 | LSI ETV6(TEL)(SG)/RUNX1(AML1)(SO) ES DC | t(12;21)(p13;q22) / ETV6::RUNX1  | 1 | Abbott (Vysis) | ja | 1:9 |
| 71 | LSI IGH(SG)/CCND1-XT (SO) DC DF | t(11;14)(q13;q32) /IGH::CCND1 | 1 | Abbott (Vysis) | ja | 1:9 |
| 72 | LSI BCR(SG)/ABL(SO) DC DF  | t(9;22)(q34;q11.2) / BCR::ABL1 variant | 5 | Abbott (Vysis) |  | 1:9 |
| 73 | LSI MLL DC break apart | KMT2A (11q23)-rearrangement | 1 (2.4)\*\* | Abbott (Vysis) | ja | 1:9 |
| 74 | LSI RUNX1(SG)/RUNX1T1(SO) DC DF | t(8;21)(q22;q22) /RUNX1::RUNX1T1 | 1 | Abbott (Vysis) | ja | 1:9 |
| 75 | LSI TP53(SO)/ATM(SG) | TP53 (17p13.1) deletie / ATM (11q22.3) deletie | 4.2 / 3.7 | Abbott (Vysis) | ja | 1:1 |
| 78 | LSI EGR1(SO)/ D5S23,D5S721(SG) | 5q31 deletie / monosomie 5 | 3.2 / 2.6 | Abbott (Vysis) | ja | 1:9 |
| 79 | LSI IGH DC break apart | IGH (14q32)-rearrangement | 3 | Abbott (Vysis) | ja | 1:9 |
| 80 | ON DEK(SG)/NUP214 (SO) t(6;9) | t(6;9)(p22;q34) /DEK::NUP214 | 5 | Leica (Kreatech) |  | onverdund |
| 81 | LSI TP53 (SO) | TP53 (17p13.1) deletie | 4.2 | Abbott (Vysis) | Ja met 95 | 1:9 |
| 82 | LSI IGH(SG)/MYC(SO)/CEP8(SA) TC DF | t(8;14)(q24;q32) / trisomie 8 | 5 / 8 | Abbott (Vysis) | ja | 1:9 |
| 83 | LSI D5S23,D5S721(SG)/CEP9(SA)/CEP15(SO) | Hyperdiploidie 5,9,15 | 3.5 / 5 / 4.6 | Abbott (Vysis) | ja | 1:9 |
| 86 | LSI IGH(SG)/FGFR3(SO) DC DF  | t(4;14)(p16.3;q32) / IGH::FGFR3 | 1 (2.3)\*\* | Abbott (Vysis) | ja | 1:9 |
| 87 | LSI IGH(SG)/MAF(SO) DC DF  | t(14;16)(q32;q23) / IGH::MAF | 1 (2)\*\* | Abbott (Vysis) | ja | 1:9 |
| 88 | LSI D7S486(SO)/CEP7(SG) | 7q31 deletie / monosomie 7 | 1.3 / 1.6 | Abbott (Vysis) | ja | 1:9 |
| 89 | LSI D20S108(SO) | 20q12 deletie | 4 | Abbott (Vysis) | met 108 | 1:9 |
| 90 | CKS1B(SO)/CDKN2C(SG) | CDKN2C (1p32.3) deletie/ CKS1B (1q21.3) gain | 2 / 4.2 | Cytocell |  | onverdund |
| 91 | LSI IGH(SG)/BCL2(SO) DC DF | t(14;18)(q32;q21) /IGH::BCL2 | 5 | Abbott (Vysis) | ja | 1:9 |
| 92 | LSI PML(SO)/RARA(SG) DC DF  | t(15;17)(q24;q21) / PML::RARA  | 1 | Abbott (Vysis) |  | 1:9 |
| 94 | LSI ETV6 DC break apart | ETV6 (12p13)-rearrangement | 8 | Abbott (Vysis) |  | 1:9 |
| 95 | LSI 13 (13q14) (SG) | RB1 (13q14 ) deletie | 5.6 | Abbott (Vysis) | Ja met 81 | 1:9 |
| 97 | ON PDGFRB DC break apart | PDGFRB (5q33)-rearrangement | 8 | Abbott (Vysis) |  | onverdund |
| 100 |  LSI D13S319(SO)/13q34(SA)/CEP12(SG) | 13q14 deletie / trisomie 12  | 10 / 8 | Abbott (Vysis) | ja | 1:1  |
| 102 | LSI TCF3(SG)/PBX1(SO) DC DF | t(1;19)(q23;p13.3) / TCF3::PBX1 | 5 |  Abbott (Vysis) |  | 1:9 |
| 106 | CEPX(SG)-CEPY(SO) | XX / XY | 1 | Abbott (Vysis) |  | 1:9 |
| 108 | CEP8 (D8Z2)(SG) | Trisomie 8 | 3 | Abbott (Vysis) | met 89 | 1:9 |
| 110 | TCL1 DC break apart | TCL1 (14q32.13)-rearrangement | 8 | Cytocell |  | onverdund |
| 111 | EVI1 TC break apart  | MECOM (3q26,2)-rearrangement  | 2.7 (5.2)\*\* | Cytocell |  | onverdund |
| 112 | LSI BIRC3(SG)/MALT1(SO) DC DF  | t(11;18)(q22;q21) /BIRC::MALT | 5 | Abbott (Vysis) |  | 1:9 |
| 113 | JAK2 DC break apart | JAK2 (9p24.1)- rearrangement | 8 | Cytocell MP H2860 \* |  | onverdund |
| 115 | XL t(8;9) PCM1(SO)/JAK2(SG) DC DF | t(8;9)(p22;p24) / PCM1::JAK2 | 5 | MetaSystems |  | onverdund |
| 116 | BCL6 DC break apart | BCL6 (3q27.3-q28)-rearrangement | 8 | Cytocell |  | onverdund |
| 117 | IGH(SG)/MAF(SO) Plus v2 Translocation, DF Niet in gebruik | t(14;16)(q32.3;q23) / IGH::MAF | 5 | Cytocel |  | onverdund |

Gedetallieerde informatie over de probes alsmede over interpretatie criteria is op de website van de leverancier beschikbaar

\*Cytocell MP-customized probe

\*\* ( ) Cut-off waarde spotcounter