



## FISH ANALYSES

| Category                               | Test                           | Disease  | Disease OMIM           | Comment  | Test Specification | Price in € |
|--|--------------------------------|--|------------------------|--|--------------------|------------|
| FISH Analyses: Microdeletion Syndromes | 20p12 deletion                 | ALAGILLE, AGS<br>» ARTERIOHEPATIC DYSPLASIA  | <a href="#">118450</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 400        |
| FISH Analyses: Microdeletion Syndromes | 15q11 - q13 deletion           | ANGELMAN, AS<br>» HAPPY PUPPET SYNDROME  | <a href="#">105830</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 400        |
| FISH Analyses: Microdeletion Syndromes | 11p15.1 - p15.2 duplication    | BECKWITH-WIEDEMANN, BWS<br>» EXOMPHALOS-MACROGLOSSIA-GIGANTISM SYNDROME                                      | <a href="#">130650</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 400        |
| FISH Analyses: Microdeletion Syndromes | 5p15.2 deletion                | CRI DU CHAT<br>» CAT CRY SYNDROME  | <a href="#">123450</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 350        |
| FISH Analyses: Microdeletion Syndromes | 10p13 - p14 deletion           | DIGEORGE, DGS  | <a href="#">188400</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 400        |
| FISH Analyses: Microdeletion Syndromes | 22q11.2 / 22q13 deletion       | DIGEORGE, DGS  | <a href="#">188400</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 350        |
| FISH Analyses: Microdeletion Syndromes | Yp11.3 / Xp11.1-q11.1 deletion | GONADAL DYSGENESIS<br>» XY FEMALE<br>» SWYER SYNDROME<br>» DELETION SEX-DETERMINING REGION Y, SRY            | <a href="#">306100</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 400        |
| FISH Analyses: Microdeletion Syndromes | Xp22.3 / Xp11.1-q11.1 deletion | KALLMANN, KAL1<br>» HYPOGONADOTROPIC HYPOGONADISM AND ANOSMIA  | <a href="#">308700</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 400        |
| FISH Analyses: Microdeletion Syndromes | 8p11.2 deletion                | KALLMANN, KAL2<br>» HYPOGONADOTROPIC HYPOGONADISM AND ANOSMIA  | <a href="#">147950</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 400        |
| FISH Analyses: Microdeletion Syndromes | 8q24 deletion                  | LANGER - GIEDION, LGS<br>» TRICHO RHINO PHALANGEAL SYNDROME TYPE 2, TRPS2                                    | <a href="#">150230</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 350        |
| FISH Analyses: Microdeletion Syndromes | 8p23.1 deletion                | MENTAL RETARDATION AND CONGENITAL HEART DEFECT   | <a href="#">600576</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 400        |
| FISH Analyses: Microdeletion Syndromes | 1p36 deletion                  | MENTAL RETARDATION   | <a href="#">0</a>      | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 350        |
| FISH Analyses: Microdeletion Syndromes | 17q11.2 deletion               | NEUROFIBROMATOSIS, TYPE 1, NF1   | <a href="#">162200</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 400        |
| FISH Analyses: Microdeletion Syndromes | Xp22.3 deletion                | MICROPHthalmIA WITH LINEAR SKIN DEFECTS<br>» MIDAS SYNDROME  | <a href="#">309801</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 400        |
| FISH Analyses: Microdeletion Syndromes | 17p13.3 deletion               | MILLER-DIEKER, MDLS, MDS<br>» LISSENCEPHALY  | <a href="#">247200</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 350        |
| FISH Analyses: Microdeletion Syndromes | 15q11 - q13 deletion           | PRADER - WILLI, PWS  | <a href="#">176270</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 350        |
| FISH Analyses: Microdeletion Syndromes | 16p13.3 deletion               | RUBINSTEIN-TAYBI, RSTS<br>» BROAD THUMB-HALLUX SYNDROME  | <a href="#">180849</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 400        |
| FISH Analyses: Microdeletion Syndromes | Xpter - p22.32 deletion        | SHORT STATURE, SS  | <a href="#">604271</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 400        |
| FISH Analyses: Microdeletion Syndromes | 17p11.2 / 17p13.3 deletion     | SMITH-MAGENIS, SMS   | <a href="#">182290</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 350        |
| FISH Analyses: Microdeletion Syndromes | 5q35 deletion                  | SOTOS<br>» CEREBRAL GIGANTISM  | <a href="#">117550</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 400        |
| FISH Analyses: Microdeletion Syndromes | 16p13.3 - p13.12 deletion      | TSC2 - PKD1 DELETION   | <a href="#">0</a>      | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 400        |
| FISH Analyses: Microdeletion Syndromes | 22q11.2 / 22q13 deletion       | VELOCARDIOFACIAL, VCF<br>» SHPRINTZEN<br>» CATCH22   | <a href="#">192430</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 350        |
| FISH Analyses: Microdeletion Syndromes | 11p13 deletion                 | WAGR<br>» WILMS TUMOR, WT1<br>» WILMS TUMOR-ANIRIDIA-GENITOURINARY ANOMALIES-<br>MENTAL RETARDATION SYNDROME | <a href="#">194072</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 400        |
| FISH Analyses: Microdeletion Syndromes | 7q11.23 / 7q31 deletion        | WILLIAMS-BEUREN, WBS   | <a href="#">194050</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 350        |
| FISH Analyses: Microdeletion Syndromes | 4p16.1 / 4p11 - q11 deletion   | WOLF-HIRSCHHORN, WHS   | <a href="#">194190</a> | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. |                    | 350        |

|   |                                       |  |        |   |          |     |
|---|---------------------------------------|--|--------|---|----------|-----|
| FISH Analyses: Microdeletion Syndromes                  | Yp11.3 / Xp11.1 - q11.1 translocation | XX MALE<br>» TRANSLOCATION SEX-DETERMINING REGION Y, SRY | 278850 | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.  |          | 400 |
| FISH Analyses: Constitutional Aneuploidies              | Chromosome 18                         | EDWARDS SYNDROME<br>» TRISOMY 18                         | 0      | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.  |          | 400 |
| FISH Analyses: Constitutional Aneuploidies              | Chromosome 21                         | DOWN SYNDROME<br>» TRISOMY 21                            | 0      | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.  |          | 300 |
| FISH Analyses: Constitutional Aneuploidies              | Chromosome 13                         | PATAU SYNDROME<br>» TRISOMY 13                           | 0      | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.  |          | 400 |
| FISH Analyses: Constitutional Aneuploidies              | Chromosome X / Y                      | SEX-CHROMOSOME ANEUPLOIDIES                              | 0      | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.  |          | 300 |
| FISH Analyses: Constitutional Aneuploidies              | Chromosome 13, 18, 21, X / Y          | ANEUPLOIDY ASSAY   | 0      | Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.  |          | 300 |
| FISH Analyses: Leukemias and Lymphomas - Deletions      | -5 / 5q31                             | MYELODYSPLASTIC SYNDROME, MDS                            | 0      | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 |          | 350 |
| FISH Analyses: Leukemias and Lymphomas - Deletions      | -7 / 7q31                             | MYELODYSPLASTIC SYNDROME, MDS                            | 0      | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 |          | 350 |
| FISH Analyses: Leukemias and Lymphomas - Deletions      | 11q, 13q14.3, 17p13.3                 | B-CELL CHRONIC LYMPHATIC LEUKEMIA, B-CLL                 | 0      | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 |          | 500 |
| FISH Analyses: Leukemias and Lymphomas - Aneuploidies   | 12                                    | B-CELL CHRONIC LYMPHATIC LEUKEMIA, B-CLL                 | 0      | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 |          | 400 |
| FISH Analyses: Leukemias and Lymphomas - Aneuploidies   | X / Y                                 | MYELOPROLIFERATIVE DISEASE, MPD                          | 0      | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 |          | 400 |
| FISH Analyses: Leukemias and Lymphomas - Aneuploidies   | FIP1L1-PDGFR fusion                   | HYPEREOSINOPHILIC SYNDROME                               | 0      | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 |          | 300 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | E2A / PBX1                            | ACUTE LYMPHATIC LEUKEMIA, ALL                            | 0      | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 | t(1;19)  | 400 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | ETO / AML1                            | ACUTE MYELOID LEUKEMIA, AML                              | 0      | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 | t(8;21)  | 400 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | AF10                                  | ACUTE MYELOID LEUKEMIA, AML                              | 0      | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 | t(10;11) | 400 |

|   |                  |                                  |   |   |                      |     |
|---|------------------|----------------------------------|---|---|----------------------|-----|
| FISH Analyses: Leukemias and Lymphomas - Translocations | TEL / AML1       | ACUTE MYELOID LEUKEMIA , AML     | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 | t(12;21)             | 350 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | MLL              | ACUTE MYELOID LEUKEMIA, AML      | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 | t( ? ;11)            | 400 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | MLL              | ACUTE LYMPHATIC LEUKEMIA, ALL    | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 | t( ? ;11)            | 400 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | PML / RARA       | ACUTE MYELOID LEUKEMIA, AML - M3 | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 | t(15;17)             | 350 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | RARA break apart | ACUTE MYELOID LEUKEMIA, AML - M3 | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 |                      | 400 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | CBFB             | ACUTE MYELOID LEUKEMIA, AML - M4 | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 | inv(16) and t(16;16) | 350 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | IGH / MYC        | BURKITT LYMPHOMA, BL             | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 | t(8;14)              | 350 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | BCR / ABL        | CHRONIC MYELOID LEUKEMIA, CML    | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 | t(9;22)              | 350 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | BCR / ABL        | ACUTE LYMPHATIC LEUKEMIA, ALL    | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 | t(9;22)              | 350 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | IgH / BCL2       | FOLLICULAR LYMPHOMA , FL         | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 | t(14;18)             | 350 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | ALK              | NON HODGKIN LYMPHOMA , NHL       | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 | t(2;5) or variants   | 350 |

|   |                 |                                    |   |  |                       |     |
|---|-----------------|------------------------------------|---|--|-----------------------|-----|
| FISH Analyses: Leukemias and Lymphomas - Translocations | IgH break apart | NON HODGKIN LYMPHOMA , NHL         | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | t(2;5) or variants    | 400 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | BCL6            | NON HODGKIN LYMPHOMA , NHL         | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | 3q27                  | 400 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | PAX5 / IGH      | NON HODGKIN LYMPHOMA , NHL         | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | t(9;14)               | 400 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | EV1             | MYELODYSPLASTIC SYNDROME, MDS      | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | 3q26                  | 400 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | EV1             | ACUTE MYELOID LEUKEMIA, AML        | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | 3q26                  | 400 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | MALT1           | MANTLE CELL LYMPHOMA , MCL         | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | t(11;18) and t(14;18) | 350 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | IgH / CCND1     | MANTLE CELL LYMPHOMA , MCL         | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | t(11;14)              | 350 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | IgH / CCND1     | MULTIPLE MYELOMA , MM              | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | t(11;14)              | 350 |
| FISH Analyses: Leukemias and Lymphomas - Translocations | IgH / MAF       | MULTIPLE MYELOMA                   | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | t(14;16)              | 400 |
| FISH Analyses: Leukemias and Lymphomas - Amplifications | REL             | HODGKIN LYMPHOMA                   | 0 | Please send at least 3 ml of bone marrow in Na or Li heparine vacutainers containing sterile transport medium (RPMI plus 10% FCS), or at least 5 mg of biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS), or freshly made, unfixed bone marrow smears, or touch slides (for lymphomas, only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | 2p13 - p12            | 400 |
| FISH Analyses: Solid Tumors - Deletions                 | 3p25            | RENAL CELL CARCINOMA NEUROBLASTOMA | 0 | Please send 5-10 mg of tumor biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS) or freshly made touch slides (only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye)   |                       | 400 |

|  |              |  |   |  |          |      |
|--|--------------|--|---|--|----------|------|
| FISH Analyses: Solid Tumors - Deletions      | 1p36         | RENAL CELL CARCINOMA PHEOCHROMOCYTOMA<br>NEUROBLASTOMA | 0 | Please send 5-10 mg of tumor biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS) or freshly made touch slides (only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) |          | 350  |
| FISH Analyses: Solid Tumors - Deletions      | 11p13        | WILMS TUMOR  | 0 | Please send 5-10 mg of tumor biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS) or freshly made touch slides (only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) |          | 400  |
| FISH Analyses: Solid Tumors - Deletions      | 11q13        | NEUROBLASTOMA  | 0 | Please send 5-10 mg of tumor biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS) or freshly made touch slides (only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) |          | 400  |
| FISH Analyses: Solid Tumors - Gains          | 17q23 - qter | NEUROBLASTOMA  | 0 | Please send 5-10 mg of tumor biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS) or freshly made touch slides (only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) |          | 400  |
| FISH Analyses: Solid Tumors - Translocations | PAX / FKHR   | ALVEOLAR RHABDOMYOSARCOMA                              | 0 | Please send 5-10 mg of tumor biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS) or freshly made touch slides (only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | t(2;13)  | 400  |
| FISH Analyses: Solid Tumors - Translocations | PAX / FKHR   | ALVEOLAR RHABDOMYOSARCOMA                              | 0 | Please send 5-10 mg of tumor biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS) or freshly made touch slides (only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | t(1;13)  | 400  |
| FISH Analyses: Solid Tumors - Translocations | FUS / CHOP   | MYXOID LIPOSARCOMA                                     | 0 | Please send 5-10 mg of tumor biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS) or freshly made touch slides (only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | t(12;16) | 400  |
| FISH Analyses: Solid Tumors - Translocations | ETV6 / NTRK3 | CONGENITAL FIBROSARCOMA                                | 0 | Please send 5-10 mg of tumor biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS) or freshly made touch slides (only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | t(12;15) | 400  |
| FISH Analyses: Solid Tumors - Translocations | EWS / CHN    | EXTRASKELETAAL MYXOID CHONDROSARCOMA                   | 0 | Please send 5-10 mg of tumor biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS) or freshly made touch slides (only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | t(9;22)  | 400  |
| FISH Analyses: Solid Tumors - Translocations | EWSR1        | EWING SARCOMA DESMOPLASTIC ROUND CELL TUMOR            | 0 | Please send 5-10 mg of tumor biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS) or freshly made touch slides (only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | t(22;?)  | 450  |
| FISH Analyses: Solid Tumors - Translocations | SYT/SSX      | SYNOVIAL SARCOMA                                       | 0 | Please send 5-10 mg of tumor biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS) or freshly made touch slides (only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | t(X;18)  | 400  |
| FISH Analyses: Solid Tumors - Translocations | HMGIC        | LIPOMA LEIOMYOMA                                       | 0 | Please send 5-10 mg of tumor biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS) or freshly made touch slides (only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | 12q      | 400  |
| FISH Analyses: Solid Tumors - Translocations |              | TERATOMA GERM CELL TUMOR                               | 0 | Please send 5-10 mg of tumor biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS) or freshly made touch slides (only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | Iso(12p) | 400  |
| FISH Analyses: Solid Tumors - Amplifications | MYCN         | NEUROBLASTOMA  | 0 | Please send 5-10 mg of tumor biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS) or freshly made touch slides (only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | 2p24     | 400  |
| FISH Analyses: Solid Tumors - Amplifications | EGFR         | MEDULLOBLASTOMA  | 0 | Please send 5-10 mg of tumor biopsy in a sterile recipient with transport medium (RPMI plus 10% FCS) or freshly made touch slides (only briefly touch the slide on at least 3 areas, adherent cell clumps should be hardly visible by the eye) | 7p       | 4450 |