



## FISH ANALYSES

Category	Test	Disease	Disease OMIM	Comment	Test Specification	Price in €
FISH Analyses: Microdeletion Syndromes	20p12 deletion	ALAGILLE, AGS » 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 » 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 » 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 » 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 » XY FEMALE » SWYER SYNDROME » 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 » 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 » 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 » 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 » 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 » 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 » 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 » 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 » SHPRINTZEN » 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 » WILMS TUMOR, WT1 » WILMS TUMOR-ANIRIDIA-GENITOURINARY ANOMALIES-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 » TRANSLOCATION SEX-DETERMINING REGION Y, SRY	<a href="#">278850</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: Constitutional Aneuploidies	Chromosome 18	EDWARDS SYNDROME » TRISOMY 18	<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: Constitutional Aneuploidies	Chromosome 21	DOWN SYNDROME » TRISOMY 21	<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	300
FISH Analyses: Constitutional Aneuploidies	Chromosome 13	PATAU SYNDROME » TRISOMY 13	<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: Constitutional Aneuploidies	Chromosome X / Y	SEX-CHROMOSOME ANEUPLOIDIES	<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	300
FISH Analyses: Constitutional Aneuploidies	Chromosome 13, 18, 21, X / Y	ANEUPLOIDY ASSAY	<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	300
FISH Analyses: Leukemias and Lymphomas - Deletions	-5 / 5q31	MYELODYSPLASTIC SYNDROME, MDS	<a href="#">0</a>	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).	350
FISH Analyses: Leukemias and Lymphomas - Deletions	-7 / 7q31	MYELODYSPLASTIC SYNDROME, MDS	<a href="#">0</a>	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).	350
FISH Analyses: Leukemias and Lymphomas - Deletions	11q, 13q14.3, 17p13.3	B-CELL CHRONIC LYMPHATIC LEUKEMIA, B-CLL	<a href="#">0</a>	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).	500
FISH Analyses: Leukemias and Lymphomas - Aneuploidies	12	B-CELL CHRONIC LYMPHATIC LEUKEMIA, B-CLL	<a href="#">0</a>	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).	400
FISH Analyses: Leukemias and Lymphomas - Aneuploidies	X / Y	MYELOPROLIFERATIVE DISEASE, MPD	<a href="#">0</a>	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).	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 areas, adherent cell clumps should be hardly visible by the eye).		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 areas, adherent cell clumps should be hardly visible by the eye).	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 areas, adherent cell clumps should be hardly visible by the eye).	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 areas, adherent cell clumps should be hardly visible by the eye).	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 areas, adherent cell clumps should be hardly visible by the eye).	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 areas, adherent cell clumps should be hardly visible by the eye).	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 areas, adherent cell clumps should be hardly visible by the eye).	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 areas, adherent cell clumps should be hardly visible by the eye).	t(15;17)	350

FISH Analyses: Leukemias and Lymphomas - Translocations	RARA break apart	ACUTE MYELOID LEUKEMIA, AML - M3	<a href="#">0</a>	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).		400
FISH Analyses: Leukemias and Lymphomas - Translocations	CBFB	ACUTE MYELOID LEUKEMIA, AML - M4	<a href="#">0</a>	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).	inv(16) and t(16;16)	350
FISH Analyses: Leukemias and Lymphomas - Translocations	IGH / MYC	BURKITT LYMPHOMA, BL	<a href="#">0</a>	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(8;14)	350
FISH Analyses: Leukemias and Lymphomas - Translocations	BCR / ABL	CHRONIC MYELOID LEUKEMIA, CML	<a href="#">0</a>	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;22)	350
FISH Analyses: Leukemias and Lymphomas - Translocations	BCR / ABL	ACUTE LYMPHATIC LEUKEMIA, ALL	<a href="#">0</a>	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;22)	350
FISH Analyses: Leukemias and Lymphomas - Translocations	IgH / BCL2	FOLLICULAR LYMPHOMA , FL	<a href="#">0</a>	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;18)	350
FISH Analyses: Leukemias and Lymphomas - Translocations	ALK	NON HODGKIN LYMPHOMA , NHL	<a href="#">0</a>	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	350
FISH Analyses: Leukemias and Lymphomas - Translocations	IgH break apart	NON HODGKIN LYMPHOMA , NHL	<a href="#">0</a>	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	<a href="#">0</a>	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	<a href="#">0</a>	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	EVI1	MYELODYSPLASTIC SYNDROME, MDS	<a href="#">0</a>	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	EVI1	ACUTE MYELOID LEUKEMIA, AML	<a href="#">0</a>	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	<a href="#">0</a>	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	<a href="#">0</a>	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	<a href="#">0</a>	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	<a href="#">0</a>	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 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