

FISH ANALYSES

Category	Test	Disease	Disease OMIM	Comment	Test Specification	Price in €
ISH Analyses: Microdeletion Syndromes	20p12 deletion	ALAGILLE, AGS	118450	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		400
, , ,	•	» ARTERIOHEPATIC DYSPLASIA		to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.		
ISH Analyses: Microdeletion Syndromes			400			
		» HAPPY PUPPET SYNDROME		to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.		
ISH Analyses: Microdeletion Syndromes	11p15.1 - p15.2 duplication	BECKWITH-WIEDEMANN, BWS	130650	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		400
sin adjess i herodetetion synaromes	ripioni proz adplication	» EXOMPHALOS-MACROGLOSSIA-GIGANTISM SYNDROME	100000	to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.		
ISH Analyses: Microdeletion Syndromes	5p15.2 deletion	CRI DU CHAT	123450	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		350
isin margines. Interodecetion syndromes	Spisiz detetion	» CAT CRY SYNDROME	125150	to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.		550
ISH Analyses: Microdeletion Syndromes	10p13 - p14 deletion	DIGEORGE, DGS	188400	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		400
ISIT Analyses. Microdeletion Syndromes	10p13 - p14 detetion	Dideorde, Das	100400	to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.		400
ISH Analyses: Microdeletion Syndromes	22g11.2 / 22g13 deletion	DIGEORGE, DGS	188400	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		350
ISIT Analyses. Microdeletion Syndromes	22411.27 22415 detetion	Dideorde, Das	100400	to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.		550
ISH Analyses: Microdeletion Syndromes	Yp11.3 / Xp11.1-q11.1 deletion	GONADAL DYSGENESIS	306100	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10	-	400
TSH Analyses. Microueletion syndromes	tpii.5/ xpii.1-qii.i detetion		506100			400
		» XY FEMALE		to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.		
		» SWYER SYNDROME				
		N DELETION SEX-DETERMINING REGION V SRV				
ISH Analyses: Microdeletion Syndromes	Xp22.3 / Xp11.1-q11.1 deletion	KALLMANN, KAL1	<u>308700</u>	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		400
		» HYPOGONADOTROPIC HYPOGONADISM AND ANOSMIA		to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.		
ISH Analyses: Microdeletion Syndromes	8p11.2 deletion	KALLMANN, KAL2	<u>147950</u>	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		400
		» HYPOGONADOTROPIC HYPOGONADISM AND ANOSMIA		to 20 ml of amniotic fluid. or at least 10 mg of chorionic villi.		
ISH Analyses: Microdeletion Syndromes	8q24 deletion	LANGER-GIEDION, LGS	<u>150230</u>	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		350
		» TRICHO RHINO PHALANGEAL SYNDROME TYPE 2. TRPS2		to 20 ml of amniotic fluid. or at least 10 mg of chorionic villi.		
ISH Analyses: Microdeletion Syndromes	8p23.1 deletion	MENTAL RETARDATION AND CONGENITAL HEART DEFECT	<u>600576</u>	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		400
				to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.		
ISH Analyses: Microdeletion Syndromes	1p36 deletion	MENTAL RETARDATION	0	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		350
			_	to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.		
ISH Analyses: Microdeletion Syndromes	17q11.2 deletion	NEUROFIBROMATOSIS, TYPE 1, NF1	162200	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		400
				to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.		
FISH Analyses: Microdeletion Syndromes	Xp22.3 deletion	MICROPHTHALMIA WITH LINEAR SKIN DEFECTS	309801	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		400
isin addises i herodetetion syndromes	rp2215 detetion	» MIDAS SYNDROME	507001	to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.		
ISH Analyses: Microdeletion Syndromes	17p13.3 deletion	MILLER-DIEKER, MDLS, MDS	247200	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		350
isin margines. Interodecetion syndromes	17 p15.5 detetion	» LISSENCEPHALY	217200	to 20 ml of amniotic fluid. or at least 10 mg of chorionic villi.		550
ISH Analyses: Microdeletion Syndromes	15g11 - g13 deletion	PRADER - WILLI, PWS	176270	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		350
ISIT Analyses. Microdetetion Syndromes	15q11-q15 detetion	FRADER - WILLI, FWS	170270			550
ISH Analyses: Microdeletion Syndromes	16p13.3 deletion	RUBINSTEIN-TAYBI, RSTS	180849	to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi. Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		400
STI Analyses. Microdeletion Syndromes	10p15.5 detection		100047			400
ICI Analyzan Mina dalation Condeana	Vatar a 22.72 dalation	» BROAD THUMB-HALLUX SYNDROME SHORT STATURE, SS	604271	to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.		400
ISH Analyses: Microdeletion Syndromes	Xpter - p22.32 deletion	SHURT STATURE, SS	<u>604271</u>	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		400
			100000	to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.		750
ISH Analyses: Microdeletion Syndromes	17p11.2 / 17p13.3 deletion	SMITH-MAGENIS, SMS	<u>182290</u>	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		350
				to 20 ml of amniotic fluid. or at least 10 mg of chorionic villi.		
ISH Analyses: Microdeletion Syndromes	5q35 deletion	SOTOS	<u>117550</u>	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		400
		» CEREBRAL GIGANTISM		to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.		
ISH Analyses: Microdeletion Syndromes	16p13.3 - p13.12 deletion	TSC2 - PKD1 DELETION	<u>0</u>	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		400
				to 20 ml of amniotic fluid. or at least 10 mg of chorionic villi.		
ISH Analyses: Microdeletion Syndromes	22q11.2 / 22q13 deletion	VELOCARDIOFACIAL, VCF	<u>192430</u>	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		350
		» SHPRINTZEN		to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.		
		» CATCH22				
ISH Analyses: Microdeletion Syndromes	11p13 deletion	WAGR	<u>194072</u>	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		400
· · ·		» WILMS TUMOR, WT1		to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.	1	
		» WILMS TUMOR-ANIRIDIA-GENITOURINARY ANOMALIES-				
					1	
ISH Analyses: Microdeletion Syndromes	7g11.23 / 7g31 deletion	WILLIAMS-BEUREN, WBS	194050	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		350
	. 4112577452 000000		17.050	to 20 ml of amniotic fluid, or at least 10 mg of chorionic villi.		
					1	
ISH Analyses: Microdeletion Syndromes	4p16.1 / 4p11 - q11 deletion	WOLF-HIRSCHHORN, WHS	194190	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		350

FISH Analyses: Microdeletion Syndromes	Yp11.3 / Xp11.1 - q11.1	XX MALE » TRANSLOCATION SEX-DETERMINING REGION Y, SRY	<u>278850</u>	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 mo of chorionic villi.		400
FISH Analyses: Constitutional Aneuploidies	translocation Chromosome 18	BUDGED SYNDROME BUDGEDWARDS SYNDROME WITH TRISOMY 18	<u>0</u>	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10		400
FISH Analyses: Constitutional Aneuploidies	Chromosome 21	» TRISUMY 18 DOWN SYNDROME » TRISOMY 21	<u>0</u>	to 20 ml of amniotic fluid. or at least 10 mg of chorionic villi. 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	<u>0</u>	Please send at least 3 ml of heparinised (Na of Li) whole blood, or 10 to 20 ml of amnotic fulid.		400
FISH Analyses: Constitutional Aneuploidies	Chromosome X / Y	SEX-CHROMOSOME ANEUPLOIDIES	<u>0</u>	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	<u>0</u>	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	<u>0</u>	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	<u>0</u>	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	<u>0</u>	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	<u>0</u>	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	<u>0</u>	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-PDGFRA fusion	HYPEREOSINOPHILIC SYNDROME	<u>0</u>	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	<u>0</u>	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	<u>0</u>	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	<u>0</u>	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	<u>0</u>	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	<u>0</u>	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	<u>0</u>	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	<u>0</u>	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	<u>0</u>	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	<u>0</u>	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	BURKIT LYMPHOMA, BL	<u>0</u>	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	<u>Q</u>	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	<u>0</u>	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	<u>0</u>	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	<u>0</u>	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	lgH break apart	NON HODGKIN LYMPHOMA , NHL	<u>0</u>	Please send at least 3 ml of bone marrow in Na or Li heparine t 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	400
FISH Analyses: Leukemias and Lymphomas - Translocations	BCL6	NON HODGKIN LYMPHOMA , NHL	<u>0</u>	Please send at least 3 mL of bone marrow in Na or Li heparine 3 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	3q27	400
FISH Analyses: Leukemias and Lymphomas - Translocations	PAX5 / IGH	NON HODGKIN LYMPHOMA , NHL	Q	Please send at least 3 ml of bone marrow in Na or Li heparine t 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	:(9;14)	400
FISH Analyses: Leukemias and Lymphomas - Translocations	EVI1	MYELODYSPLASTIC SYNDROME, MDS	<u>0</u>	Please send at least 3 ml of bone marrow in Na or Li heparine 3 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	3q26	400
FISH Analyses: Leukemias and Lymphomas - Translocations	EVI1	ACUTE MYELOID LEUKEMIA, AML	<u>0</u>	Please send at least 3 ml of bone marrow in Na or Li heparine 3 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	3q26	400
FISH Analyses: Leukemias and Lymphomas - Translocations	MALT1	MANTLE CELL LYMPHOMA , MCL	Q	Please send at least 3 ml of bone marrow in Na or Li heparine t 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	:(11;18) and t(14;18)	350
FISH Analyses: Leukemias and Lymphomas - Translocations	lgH / CCND1	MANTLE CELL LYMPHOMA , MCL	<u>0</u>	Please send at least 3 ml of bone marrow in Na or Li heparine t 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	:(11;14)	350
FISH Analyses: Leukemias and Lymphomas - Translocations	lgH / CCND1	MULTIPLE MYELOMA , MM	Q	Please send at least 3 ml of bone marrow in Na or Li heparine t 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	:(11;14)	350
FISH Analyses: Leukemias and Lymphomas - Translocations	IgH / MAF	MULTIPLE MYELOMA	<u>0</u>	Please send at least 3 ml of bone marrow in Na or Li heparine t 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	:(14;16)	400
FISH Analyses: Leukemias and Lymphomas - Amplifications	REL	HODGKIN LYMPHOMA	<u>0</u>	Please send at least 3 ml of bone marrow in Na or Li heparine 2 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	2p13 - p12	400
FISH Analyses: Solid Tumors - Deletions	3p25	RENAL CELL CARCINOMA NEUROBLASTOMA	<u>0</u>	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 even		400

FISH Analyses: Solid Tumors - Deletions	1p36	RENAL CELL CARCINOMA PHEOCHROMOCYTOMA	<u>0</u>	Please send 5-10 mg of tumor biopsy in a sterile recipient with		350
		NEUROBLASTOMA		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 witchle hy the even		
FISH Analyses: Solid Tumors - Deletions	11p13	WILMS TUMOR	<u>0</u>	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		400
				should be hardly visible by the eval		
FISH Analyses: Solid Tumors - Deletions	11q13	NEUROBLASTOMA	<u>0</u>	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 chould be bacdfuvicible but the over		400
FISH Analyses: Solid Tumors - Gains	17q23 - qter	NEUROBLASTOMA	<u>0</u>	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		400
FISH Analyses: Solid Tumors - Translocations	PAX / FKHR	ALVEOLAR RHABDOMYOSARCOMA	<u>0</u>	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 evel	t(2;13)	400
FISH Analyses: Solid Tumors - Translocations	PAX / FKHR	ALVEOLAR RHABDOMYOSARCOMA	<u>0</u>	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 evel	t(1;13)	400
FISH Analyses: Solid Tumors - Translocations	FUS / CHOP	MYXOID LIPOSARCOMA	<u>0</u>	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 thould be bacdwinking by the and	t(12;16)	400
FISH Analyses: Solid Tumors - Translocations	ETV6 / NTRK3	CONGENITAL FIBROSARCOMA	<u>0</u>	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	t(12;15)	400
FISH Analyses: Solid Tumors - Translocations	EWS / CHN	EXTRASKELETAAL MYXOID CHONDROSARCOMA	<u>0</u>	should be bardly visible by the evel 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 bardly visible by the evel	t(9;22)	400
FISH Analyses: Solid Tumors - Translocations	EWSR1	EWING SARCOMA DESMOPLASTIC ROUND CELL TUMOR	<u>0</u>	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 chould be bacdfuvicible by the one)	t(22,?)	450
FISH Analyses: Solid Tumors - Translocations	SYT/SSX	SYNOVIAL SARCOMA	<u>0</u>	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 thould be bredwinklich by the and	t(X;18)	400
FISH Analyses: Solid Tumors - Translocations	HMGIC	LIPOMA LEIOMYOMA	<u>0</u>	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 chould be bacdfuvicible by the one)	12q	400
FISH Analyses: Solid Tumors - Translocations		TERATOMA GERM CELL TUMOR	<u>0</u>	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	lso(12p)	400
FISH Analyses: Solid Tumors - Amplifications	MYCN	NEUROBLASTOMA	<u>0</u>	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 evel	2p24	400
FISH Analyses: Solid Tumors - Amplifications	EGFR	MEDULLOBLASTOMA	<u>0</u>	Should be hardly visible by the evel 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 evel	7p	4450