

Bearbeitet durch:	Hanstein, Antje	Geprüft durch:	---	Freigegeben durch:	---	Gültig bis:	13.07.2028
Datum:	06.09.2024	Datum:	---	Datum:	---	Version:	3
Dienstleistungsprozesse		Validierung und Akkreditierung von Analysen					

tagesaktuelle Liste akkreditierter Analysen - FISH-Sonden
Untersuchungsart:

Chromosomenanalyse mittels Fluoreszenz-in-situ-Hybridisierung (FISH) Abkürzungen: KM - Knochenmark, pB - peripheres Blut, FW - Fruchtwasser, PHA - Phytohämagglutinin

Analyt (Messgröße)					Untersuchungsmaterial	Untersuchungstechnik
Chromosom	Sondenbezeichnung lt. Hersteller	Firma	Gen	Lokus	(Eingangsmaterial)	
1	XL CDKN2C/CKS1B	MetaSystems	CDKN2C	1p32.3	KM, CD138+-Zellen	FISH
			CKS1B	1q21-22		
	TCF3-pBX1 Dual Fusion/Translocation FISH Probe Kit	Cytotest	pBX1	1q23.3	KM	FISH
			TCF3	19p13.3		
2	Vysis ALK Break Apart FISH Probe Kit	Abbott	ALK	2p23	KM	FISH
3	XL MECOM 3q26	MetaSystems	MECOM	3q26.2	KM	FISH
	XL BCL6 BA	MetaSystems	BCL6	3q27-28	KM, CD19+-Zellen	FISH
4	XL t(4;14) FGFR3/ IGH DF	MetaSystems	FGFR3	4p16.3	CD138+-Zellen	FISH
			IGH	14q32.3		
	CytoCell IGH/FGFR3 Translocation, Dual Fusion	CytoCell	FGFR3	4p16.3	KM, mononukleäre Zellen	FISH
			IGH	14q32.3		
XL 4q12	MetaSystems	FIP1L1	4q12	KM, pB	FISH	
		CHIC2				
XL TET2		MetaSystems	SCFD2	4q12	KM, CD19+-Zellen	FISH
			TET2	4q24		
5	XL 5p15/9q22/15q22 Hyperdiploidy	MetaSystems	D5S1518E	5p15.2-15.3	CD138+-Zellen	FISH
			D9S1783	9q22.3-31		
			SMAD6	15q22.3		
	Vysis LSI EGR1/D5S23, D5S721 Dual Color Probe Kit	Abbott	D5S721	5p15.2	KM, PHA	FISH
			EGR1	5q31.2		
	XL del(5)(q31)	MetaSystems	D5S1518E-D5S1976	5p15.2-15.3	KM	FISH
			EGR1	5q31.2		
XL 5q31/5q33	MetaSystems	EGR1	5q31.2	CD19+-Zellen, pB	FISH	
		RPS14	5q32-33.1			
Vysis LSI PDGFRB Break Apart FISH Probe Kit	Abbott	CSF1R	5q32-q33.1	KM	FISH	
		TCOF1				
6	XL t(6;9) DEK/NUP214	MetaSystems	DEK	6p22.3	KM	FISH

	XL 6q21/6q23	Metasystems	NUP214 SEC63 MYB	9q34.1 6q21 6q23.3	KM, CD19+-Zellen	FISH
7	XL del(7)(q22q31)	MetaSystems	D7Z1 KMT2E MET	7p11.1-q11.1 7q22 7q31.2	KM, CD19+-Zellen	FISH
	XL 7q22/7q36	MetaSystems	D7Z1 KMT2E EZH2	7p11.1-q11.1 7q22 7q36	CD19+-Zellen, pB	FISH
	Vysis LSI D7S522/CEP 7 FISH Probe Kit	Abbott	D7Z1 D7S522	7p11.1-q11.1 7q31	KM	FISH
	CytoCell C-MET (MET) Amplification	CytoCell	D7Z1 MET	7p11.1-q11.1 7q31.2	KM	FISH
	XL Williams-Beuren	MetaSystems	EGFR ELN/LIMK1	7p11.2 7q11.23	FW	FISH
	CytoCell TCRB (TRB) Breakapart	CytoCell	TCRB	7q34	KM	FISH
	Vysis CEP 7 (D7Z1) SpectrumAqua Probe	Abbott	D7Z1	7p11.1-q11.1	KM, PHA	FISH
8	XL FGFR1	MetaSystems	FGFR1	8p11.2	KM	FISH
	XL t(8;21) plus	MetaSystems	RUNX1T1 RUNX1	8q21.3-22.1 21q22.1	KM	FISH
	XL MYC BA	MetaSystems	MYC	8q24.21	KM, CD19+-Zellen	FISH
	Vysis LSI MYC Break Apart Rearrangement Probe Kit	Abbott	MYC	8q24.21	KM	FISH
	Vysis CEP 8 (D8Z2) SpectrumAqua Probe	Abbott	D8Z2	8p11.1-q11.1	KM, PHA	FISH
9	XL JAK2 BA (9p24)	MetaSystems	JAK2	9p24	KM, pB	FISH
	XL CDKN2A/9q22	MetaSystems	CDKN2A/B CENPP	9p21 9q22.3	KM, CD19+-Zellen	FISH
	Vysis CDKN2A / CEP 9 FISH Probe Kit	Abbott	CDKN2A/B D9Z1	9p21 9p11-q11	KM	FISH
	Vysis LSI BCR/ABL Dual Color, Dual Fusion Translocation Probe Kit	Abbott	ABL1/ASS1 BCR	9q34.1 22q11.2	KM, pB, PHA	FISH
	Vysis CEP 9 SpectrumAqua Probe	Abbott	D9Z1	9p11-q11	KM	FISH
11	XL NUP98	MetaSystems	NUP98	11p15.4	KM	FISH
	XL t(11;14) MYEOV/IGH DF	MetaSystems	CCND1 IGH	11q13.3 14q32.3	CD138+-Zellen, CD19+-Zellen	FISH
	CytoCell IGH/CCND1 Translocation, Dual Fusion	CytoCell	CCND1 IGH	11q13.3 14q32.3	KM, CD138+-Zellen	FISH
	Vysis LSI BIRC3/MALT1 DF FISH Probe Kit	Abbott	BIRC3 MALT1	11q22 18q21	KM, PHA	FISH
	XL ATM/TP53	MetaSystems	ATM TP53	11q22.3 17p13	KM, CD19+-Zellen, pB	FISH
	XL MLL plus	MetaSystems	KMT2A	11q23.3	KM	FISH
12	Vysis ETV6 Break Apart FISH Probe Kit	Abbott	ETV6	12p13	KM	FISH
	ZytoLight © SPEC ERBB3/CEN 12 Dual Color Probe	Zytovision	D12Z3 ERBB3	12p11.1-q11.1 12q13.2-q13.3	KM	FISH
	XL MDM2	MetaSystems	D12Z3	12p11.1-q11.1	KM, CD19+-Zellen	FISH

			MDM2	12q15		
	XL DLEU/LAMP/12cen	MetaSystems	D12Z3	12p11.1-q11.1	KM, pB	FISH
			DLEU1	13q14.2		
			LAMP1	13q34		
	XCE 12 Blue	MetaSystems	D12Z3	12p11.1-q11.1	KM	FISH
13	XA 13/18/21	MetaSystems	RB1	13q14.2	PHA, FW	FISH
			MALT1	18q21.3		
			DSCR4	21q22.1-22.2		
	CytoCell FAST FISH Prenatal 13 and 21	CytoCell	RB1	13q14.2	PHA, FW	FISH
			DSCR4	21q22.13		
	XL RB1/DLEU/LAMP	MetaSystems	RB1	13q14.2	KM, CD138+-Zellen, CD19+-Zellen	FISH
			DLEU1			
	Vysis LSI 13 (13q14) SpectrumGreen Probe	Abbott	RB1	13q14.2	mononukleäre Zellen	FISH
D13S25			13q14.3			
Vysis LSI D13S25 (13q14.3) SpectrumOrange	Abbott	D13S25	13q14.3	mononukleäre Zellen	FISH	
14	Vysis LSI TRA/D Dual Color Break Apart Rearrangement FISH Probe Kit	Abbott	TCR A/D	14q11.2	KM	FISH
	XL TCL1 BA	MetaSystems	D14S62	14q32.1-32.2	KM	FISH
			D14S131			
	XL IGH BA	MetaSystems	IGHC	14q32.3	KM, CD138+-Zellen, CD19+-Zellen, PHA	FISH
			IGHV			
	CytoCell IGH Plus Breakapart	CytoCell	IGHC	14q32.3	KM, mononukleäre Zellen	FISH
			IGHV			
	XL t(14;16) IGH/MAF DF	MetaSystems	IGH	14q32.3	CD138+-Zellen	FISH
			MAF	16q23		
	XL t(14;18) IGH/BCL2 DF	MetaSystems	IGH	14q32.3	CD19+-Zellen	FISH
			BCL2	18q21.3		
	Vysis LSI IGH/BCL2 Dual Color, Dual Fusion Translocation Probe Set	Abbott	IGH	14q32.3	KM, PHA	FISH
BCL2			18q21.3			
XL IGH/MAFB DF	MetaSystems	IGH	14q32.3	mononukleäre Zellen, CD138+-Zellen	FISH	
		MAFB	20q12			
CytoCell IGH/MAFB Translocation, Dual Fusion	CytoCell	IGH	14q32.33	KM, mononukleäre Zellen	FISH	
		MAFB	20q12			
15	Vysis LSI PML/RARA Dual Color, Dual Fusion Translocation Probe Kit	Abbott	PML	15q24	KM	FISH
			RARA	17q21.1-q21.2		
	Vysis CEP 15 (D15Z1) SpectrumAqua Probe	Abbott	D15Z1	15p11.2	PHA	FISH
16	XL CFBF	MetaSystems	CBFB	16q21-22	KM	FISH
17	Vysis LSI TP53 (17p13.1) SpectrumOrange Probe	Abbott	TP53	17p13.1	KM	FISH
	XL TP53/NF1	MetaSystems	TP53	17p13	KM, CD138+-Zellen, CD19+-Zellen, pB	FISH
NF1			17q11.2			

	Vysis CEP17 SpectrumAqua	Abbott	D17Z1	17p11.1-q11.1	KM	FISH
18	XA X/Y/18	MetaSystems	D18Z1	18p11.1-q11.1	PHA, FW	FISH
			DXZ1	Xp11.1-q11.1		
			DYZ3	Yp11.1-q11.1		
	CytoCell FAST FISH Prenatal X, Y and 18	CytoCell	D18Z1	18p11.1-q11.1	PHA	FISH
			DXZ1	Xp11.1-q11.1		
			DYZ3	Yp11.1-q11.1		
	XL BCL2 BA	MetaSystems	BCL2	18q21.3	CD19+-Zellen	FISH
Vysis LSI BCL2 Break Apart FISH Probe kit	Abbott	BCL2	18q21.3	KM	FISH	
XL MALT1 BA	MetaSystems	MALT1	18q21.3	CD19+-Zellen	FISH	
Vysis LSI MALT1 Dual Color Break Apart Rearrangement Probe	Abbott	MALT1	18q21.3	KM	FISH	
20	XL 20q12/20qter plus	MetaSystems	PTPRT	20q12	KM	FISH
			RH74808	20q13.3		
21	XL 21q22/XCP 21	MetaSystems	DSCR4	21q22.1-22.2	PHA	FISH
			wcp21			
	XL RUNX1 BA	MetaSystems	RUNX1	21q22.1	KM	FISH
	Vysis LSI 21 SpectrumOrange Probe	Abbott	D21S341	21q22.13-q22.2	PHA	FISH
22	Vysis DiGeorge Region LSI TUPLE 1 (HIRA) SpectrumOrange/LSI ARSA SpectrumGreen Probe Set	Abbott	HIRA	22q11.2	PHA, FW	FISH
			ARSA	22q13.3		
XY	XA X/Y	MetaSystems	DXZ1	Xp11.1-q11.1	KM, pB, FW	FISH
			DYZ3	Yp11.1-q11.1		
	CytoCell SHOX	CytoCell	SHOX	Xp22.33 / Yp11.32	PHA	FISH
			DXZ1	Xp11.1-q11.1		
			DYZ1	Yq12		
	Vysis LSI SRY SpectrumOrange Probe	Abbott	SRY	Yp11.3	PHA	FISH
Sonstige	Vysis ToTelVysion Multi-Color FISH Probe	Abbott			PHA	FISH