



**Stand: 16.03.2026 JL / Lki / BA**

Untersuchung			Material	Methode
Immunhistologie	Klon	Hersteller	Material	Methode
a-1 Antitrypsin	polyklonal	Cell Marque	FFPE	IHC
a-Amylase	polyklonal	Sigma Aldrich	FFPE	IHC
ACTH	polyklonal	Cell Marque	FFPE	IHC
Adipophilin	polyklonal	BioZol	FFPE	IHC
AFP	polyklonal	Cell Marque	FFPE	IHC
Aggrecan Neo	polyklonal	Thermo Fisher	FFPE	IHC
Aktin*	HHF35	Cell Marque	FFPE	IHC
Alk1	ALK01	Ventana	FFPE	IHC
AMACR*	SP116	Ventana	FFPE	IHC
Amyloid A	mc1	Agilent Techn.	FFPE	IHC
Androgen Rec*	SP107	Cell Marque	FFPE / Zyt.	IHC
Arginase-1	SP156	Cell Marque	FFPE	IHC
ARID1A	EP303	medac(Cell Marque)	FFPE	IHC
ATRX	polyklonal	Ventana	FFPE	IHC
BAP-1*	C-4	scbt	FFPE	IHC
bcl-2*	124	Ventana	FFPE	IHC
bcl-6	GI191E/A8	Cell Marque	FFPE	IHC
Ber-EP4*	Ber-Ep4	Cell Marque	FFPE / Zyt.	IHC
beta-Catenin*	14	Cell Marque	FFPE	IHC
C1q	polyklonal	Agilent Techn.	FFPE	IHC
C3c	polyklonal	Agilent Techn.	FFPE	IHC
C4d	SP91	Cell Marque	FFPE	IHC
CA IX	EP161	Cell Marque	FFPE	IHC
CA-125	OC125	Cell Marque	FFPE / Zyt.	IHC
CA19-9*	121SLE	Cell Marque	FFPE	IHC
Calcitonin	polyklonal	Cell Marque	FFPE	IHC
Caldesmon*	E89	Cell Marque	FFPE	IHC



Untersuchung		Material	Material	Methode
Calponin*	EP798Y	Cell Marque	FFPE	IHC
Calretinin*	SP65	Ventana	FFPE / Zyt.	IHC
CD1a*	EP3622	Cell Marque	FFPE	IHC
CD3*	2GV6	Ventana	FFPE / Zyt.	IHC
CD4*	SP35	Ventana	FFPE	IHC
CD5*	SP19	Ventana	FFPE	IHC
CD 7*	SP94	Ventana	FFPE	IHC
CD8*	SP239	Ventana	FFPE	IHC
CD10*	SP67	Ventana	FFPE	IHC
CD13	SP187	medac(Cell Marque)	FFPE	IHC
CD15	MMA	Ventana	FFPE	IHC
CD19	EP169	medac	FFPE	IHC
CD20*	L26	Ventana	FFPE / Zyt.	IHC
CD21	2G9	Cell Marque	FFPE	IHC
CD23*	SP23	Ventana	FFPE	IHC
CD25	4C9	Cell Marque	FFPE	IHC
CD30*	Ber-H2	Ventana	FFPE	IHC
CD31*	JC70	Cell Marque	FFPE	IHC
CD33	SP266	Cell Marque	FFPE	IHC
CD34*	QBEnd/10	Ventana	FFPE	IHC
CD38	SP149	Cell Marque	FFPE	IHC
CD45(LCA)*	2B11&PD7/26	Cell Marque	FFPE / Zyt.	IHC
CD56	MRQ-42	Cell Marque	FFPE	IHC
CD57	NK-1	Cell Marque	FFPE	IHC
CD61	2f2	Cell Marque	FFPE	IHC
CD63*	NKI/C3	medac(BioSB)	FFPE	IHC
CD68*	PG-M1	BioZol	FFPE	IHC
CD68(SP251)*	SP251v18	Ventana	FFPE	IHC
CD71	EP232	medac(Cell Marque)	FFPE	IHC
CD79a*	SP187	Ventana	FFPE	IHC



Untersuchung		Material	Methode
CD79b	EP214	medac(Epitomics)	FFPE
CD99*	O13	Ventana	FFPE
C Kit CD117*	EP10	Ventana	FFPE
CD123*	ZM80	medac	FFPE
CD138*	B-A38	Cell Marque	FFPE
CD163*	MRQ-26	Cell Marque	FFPE
CD207*	EP349	medac(BioSB)	FFPE
CDX-2*	EPR2764Y	Cell Marque	FFPE / Zyt.
CDK4	EP180	medac	FFPE
CEA*	CEA31	Cell Marque	FFPE
Chromo*	LK2H10	Ventana	FFPE
CK (AE1/AE3)*	AE1/AE3/PCK26	Ventana	FFPE / Zyt.
CK (34βE12)*	34bE12	Ventana	FFPE
CK (OSCAR)	OSCAR	BioZol	FFPE
CK 5/6*	D5/16B4	Ventana	FFPE / Zyt.
CK 7*	SP52	Ventana	FFPE / Zyt.
CK8&18	B22.1 & B23.1	Cell Marque	FFPE
CK 14	SP53	Ventana	FFPE
CK 15	LHK15	Thermo Fisher	FFPE
CK16	LL025	scbt	FFPE
CK 17	SP95	Ventana	FFPE
CK 19	A53-B/A2.26	Cell Marque	FFPE
CK 20*	SP33	Ventana	FFPE / Zyt.
Claudin 4	EP417	medac	FFPE / Zyt.
Claudin 18	43-14A	abcam	FFPE
Clusterin	EP181	medac	FFPE
c-MYC	Y69	Ventana	FFPE
CMV (nur RED)	8B1.2,1G5.2 & 2D4.2	Cell Marque	FFPE
Collagen IV*	CIV22	BioZol	FFPE
Cyclin D1*	SP4-R	Ventana	FFPE



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D2-40*	D2-40	Cell Marque	FFPE
DBA 44 Hair cell	DBA44	Agilent Techn.	FFPE
Desmin*	DE-R-11	Ventana	FFPE
Dermatophyten (nur RED)	XCMA01	Xceltis	FFPE
DLL3	polyklonal	abcam	FFPE
DOG1	SP31	Cell Marque	FFPE
E-Cadherin	36	Ventana	FFPE
EGFR	5B7	Ventana	FFPE
EMA*	E29	Ventana	FFPE
ER*	SP1	Ventana	FFPE / Zyt.
ERG*	EPR3864	Ventana	FFPE
F XIIIa*	EP3372	Cell Marque	FFPE
Fakt VIII*	polyklonal	Cell Marque	FFPE
FH	J-13	scbt	FFPE
R Filaggrin	polyklonal	Sigma Aldrich	FFPE
FGFR2b AK + NegCTL	FPR2-D	Ventana	FFPE
FITC IgA	polyklonal	Ventana	Michels Medium
FITC IgG	polyklonal	Ventana	Michels Medium
FITC C3	polyklonal	Ventana	Michels Medium
FITC Fibrinogen	polyklonal	Ventana	Michels Medium
FOLR1 AK + NegCTL	FOLR1-2.1	Ventana	FFPE
FOXL2	RPab	medac(BioSB)	FFPE
Galektin 3*	9C4	medac	FFPE
Gastrin	polyklonal	Cell Marque	FFPE
Gata*	L50-823	Ventana	FFPE / Zyt.
GCDFP-15	EP1582Y	Cell Marque	FFPE
GFAP	EP672Y	Cell Marque	FFPE
GLUT-1	polyklonal	Cell Marque	FFPE
Glutam.-Synth.*	GS-6	Cell Marque	FFPE
Glycophorin A	GA-R2	Cell Marque	FFPE



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Glypican-3	GC33	Ventana	FFPE	IHC
Granzyme B (nur RED)*	2C5	scbt	FFPE	IHC
H3.3G34R	RM240	Thermo Fisher	FFPE	IHC
H3.3K27M	RM192	Thermo Fisher	FFPE	IHC
H3K36M	RM193	BioZol	FFPE	IHC
HBME-1	HBME-1	Cell Marque	FFPE	IHC
HCG	polyklonal	Cell Marque	FFPE	IHC
HEA 125	HEA125	BioZol	FFPE / Zyt.	IHC
Hepatocyte*	OCH1E5	Cell Marque	FFPE	IHC
Her-2	4B5	Ventana	FFPE	IHC
HHV-8*	13B10	Cell Marque	FFPE	IHC
HMB 45 (nur RED)*	HMB45	Ventana	FFPE	IHC
HP	SP48	Ventana	FFPE	IHC
HOXB13	EPR17371	abcam	FFPE	IHC
HPV*	BSB-66	medac (BioSB)	FFPE	IHC
HSP-70	BRM-22	BioZol	FFPE	IHC
HSV 1+2*	polyklonal	BioZol	FFPE	IHC
IDH1	H09	Dianova	FFPE	IHC
IgA	polyklonal	medac (Cell Marque)	FFPE	IHC
IgD	polyklonal	medac (BioSB)	FFPE	IHC
IgG	polyklonal	Cell Marque	FFPE	IHC
IgG4	MRQ-44	Cell Marque	FFPE	IHC
IgM	polyklonal	medac (Cell Marque)	FFPE	IHC
IMP3*	69.1	Agilent Techn.	FFPE	IHC
INI-1*	MRQ-27	Cell Marque	FFPE	IHC
Inhibin alpha	MRQ-63	Cell Marque	FFPE	IHC
INSM1	SP493	Ventana	FFPE	IHC
Kappa*	polyklonal	Ventana	FFPE	IHC
Ki-67*	Klon:30-9	Ventana	FFPE	IHC
L1CAM	EPR18750	abcam	FFPE	IHC



Untersuchung			Material	Methode
Lambda*	polyklonal	Ventana	FFPE	IHC
Lamblien	c-Kit AK	medac	FFPE	IHC
Laminin 5	D4b5	BioZol	FFPE / Zyt.	IHC
Lekti/SPINK5 (nur RED)*	polyklonal	Thermo Fisher	FFPE	IHC
Leishmanien/(CD1a) (nur RED)*	MTB1	Thermo Fisher	FFPE	IHC
Mammaglobin	31A5	Cell Marque	FFPE	IHC
MAP2	HM-2	Sigma Aldrich	FFPE	IHC
MDM2	IF2	Sigma Aldrich	FFPE	IHC
MCPyV (nur RED)	CM2B4	scbt	FFPE	IHC
Melan A (nur RED)	A103	Ventana	FFPE	IHC
Melan. Cocktail (nur RED)	HMB45+A103+T311	Ventana	FFPE	IHC
MITF (nur RED)	C5/D5	medac(Cell Marque)	FFPE	IHC
MLH-1	M1	Ventana	FFPE	IHC
MNF116	MNF116	Agilent Techn.	FFPE	IHC
MPO	polyklonal	Cell Marque	FFPE	IHC
MSH-2	G219-1129	Ventana	FFPE	IHC
MSH-6	SP93	Ventana	FFPE	IHC
MUC4	8G7	medac	FFPE	IHC
Muc 5AC	MRQ-19	Cell Marque	FFPE	IHC
MUC6	MRQ-20	Cell Marque	FFPE	IHC
MUM 1	MRQ-43	Cell Marque	FFPE	IHC
MyoD1	EP212	Cell Marque	FFPE	IHC
Myogenin	F5D	Cell Marque	FFPE	IHC
Myosin	SMMS-1	Cell Marque	FFPE	IHC
Napsin A	MRQ-60	Ventana	FFPE	IHC
N-Cadherin	13A9	scbt	FFPE	IHC
NFP	2F11	Cell Marque	FFPE	IHC
NGFR*	MRQ-21	Cell Marque	FFPE	IHC
NKX3.1	EP356	Cell Marque	FFPE	IHC
Oct-4	MRQ-10	Cell Marque	FFPE	IHC



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P16*	JC2	medac	FFPE	IHC
P21*	DCS-60.2	medac (Cell Marque)	FFPE	IHC
p40*	SP225	Ventana	FFPE / Zyt.	IHC
P 53*	Bp53-11	Ventana	FFPE	IHC
P57 (Kip2) Ab-3	Kp10	Cell Marque	FFPE	IHC
P 63*	4A4	Ventana	FFPE	IHC
P120ctn	98	Ventana	FFPE	IHC
pan-TRK	EPR17341	Ventana	FFPE	IHC
Pax-2	polyklonal	BioZol	FFPE	IHC
Pax-5	SP34	Ventana	FFPE	IHC
Pax-8	MRQ-50	Cell Marque	FFPE / Zyt.	IHC
PD-1	NAT105	Ventana	FFPE	IHC
PD-L1(Dako)	22C3	Agilent Techn.	FFPE	IHC
PD-L1(abcam)	73-10	abcam	FFPE	IHC
PD-L1 (CAL10)	CAL10	abcam	FFPE	IHC
PD-L1 (SP142)	SP142	Ventana	FFPE	IHC
PGP9.5*	polyklonal	Cell Marque	FFPE	IHC
PHH3*	polyklonal	BioZol	FFPE	IHC
PLAP	NB10	Cell Marque	FFPE	IHC
PMS-2	A16-4	Ventana	FFPE	IHC
PR*	Klon: 1E2	Ventana	FFPE / Zyt.	IHC
PRAME (nur RED)	EPR20330	Ventana	FFPE	IHC
PSA	PSA	Ventana	FFPE	IHC
PSMA	EP192	Cell Marque	FFPE	IHC
PTEN	SP218	Ventana	FFPE	IHC
PTH	MRQ-31	Cell Marque	FFPE	IHC
Rb-1	G3-245	BD Pharmingen	FFPE	IHC
RCC*	PN-15	Cell Marque	FFPE	IHC
S100*	polyklonal	Ventana	FFPE	IHC
S100-A1 (nur RED)	EP184	medac(BioSB)	FFPE	IHC



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S100P	16/f5	medac	FFPE	IHC
SALL4	Klon: 6E3	Cell Marque	FFPE	IHC
SATB2	EP281	medac	FFPE	IHC
SDHB	EPR10880	abcam	FFPE	IHC
SF-1 (nur RED)	A-1	scbt	FFPE	IHC
SMARCA4	ZR390	medac(Zeta Corp.)	FFPE	IHC
SM-Aktin*	1A4	Cell Marque	FFPE	IHC
Smoothelin	R4A	BioZol	FFPE	IHC
SOX-10*	SP267	Cell Marque	FFPE	IHC
Spirocheten*	polyklonal	Zytomed	FFPE	IHC
Sox-11	MRQ-58	Cell Marque	FFPE	IHC
SS18-SSX	E9X9V	Cell Signaling	FFPE	IHC
SSTR2A	polyklonal	Zytomed	FFPE	IHC
STAT6	D-1	scbt	FFPE	IHC
Stathmin	SP49	Zytomed	FFPE	IHC
Synapto*	SP11	Ventana	FFPE	IHC
TDAG51/PHLDA*	RN-6E2	scbt	FFPE	IHC
TdT	polyklonal	Cell Marque	FFPE	IHC
Tenascin	DB7	BioZol	FFPE	IHC
TFE3	ZR365	medac(Zeta Corp.)	FFPE	IHC
Thyreo	2H11 + 6E1	Cell Marque	FFPE	IHC
Transthyretin	BSB-125	medac	FFPE	IHC
TROP-2	F-5	scbt	FFPE	IHC
TRPS1	ZR382	medac (Cell Marque)	FFPE	IHC
Tryptase*	G3	Cell Marque	FFPE	IHC
TTF-1	8G7G3/1	Ventana	FFPE / Zyt.	IHC
Ubiquitin	polyklonal	Zytomed	FFPE	IHC
Uroplakin 2	BC21	Zytomed	FFPE	IHC
Uroplakin 3	SP73	Cell Marque	FFPE	IHC
VEGF	polyklonal	abcam	FFPE	IHC



Untersuchung		Material	Methode
Vimentin*	V9	Ventana	FFPE
WT-1*	6F-H2	Cell Marque	FFPE / Zyt.
Doppelfärbungen Immunhistologie		Material	Methode
DF AM/34BE12*	SP116//34bE12	Ventana//Ventana	FFPE
DF AM/p63*	SP116//4A5	Ventana//Ventana	FFPE
DF CD3/CD20*	2GV6//L26	Ventana//Ventana	FFPE
DF CD15/CD31*	MMA//JC70	Ventana//Cell Marque	FFPE
DF CD20/Ki67*	L26//30-9	Ventana//Ventana	FFPE
DF CD31/AE1/3*	JC70//AE1/AE3/PCK26	Cell Marque//Ventana	FFPE
DF CD31/S100*	JC70//polyklonal	Cell Marque//Ventana	FFPE
DF MDM2/CD68*	IF2//PG-M1	Sigma Aldrich//BioZol	FFPE
DF CD68/PD-L1* (73-10)	PG-M1//73-10	BioZol//abcam	FFPE
DF CK5/6/Gata*	D5/16B4//L50-823	Ventana//Ventana	FFPE
DF TTF//CK5/6*	8G7G3/1//D5/16B4	Ventana//Ventana	FFPE
DF CK5/6/p63*	D5/16B4//4A4	Ventana//Ventana	FFPE
DF CK7/CDX-2*	SP52//EPR2764Y	Ventana//Cell Marque	FFPE
DF CK7/WT1*	SP52//6F-H2	Ventana//Cell Marque	FFPE
DF CK7/p63*	SP52//4A4	Ventana//Ventana	FFPE
DF CD8/CD4*	SP57//SP35	Ventana//Ventana	FFPE
DF CK14/p63*	SP53//4A4	Ventana//Ventana	FFPE
DF CK20/Ki67*	SP33//30-9	Ventana//Ventana	FFPE
DF D2-40/AE1/3*	D2-40//AE1/AE3/PCK26	Cell Marque//Ventana	FFPE
DF D2-40/S100*	D2-40//polyklonal	Cell Marque//Ventana	FFPE
DF Her-2/p53*	4B5//Bp53-11	Ventana//Ventana	FFPE
DF INSM/Syn*	SP493//SP11	Ventana//Ventana	FFPE
DF Napsin/p40*	MRQ-60//BC28	Ventana//Ventana	FFPE
DF Kappa/Lambda*	polyklonal//polyklonal	Ventana//Ventana	FFPE
DF ki67/Melan A*	30-9/A103	Ventana//Ventana	FFPE
DF OSCAR/SMA*	OSCAR//1A4	BioZol//Cell Marque	FFPE
DF p16/Ki67*	JC2//30-9	medac//Ventana	FFPE / Zyt.



<b>Untersuchung</b>			<b>Material</b>	<b>Methode</b>
DF PAP CINtec Plus	p16INK4a:E6H4, ki67:274-11AC3V1	Ventana	Zyt. PAP	IHC
DF TP CINtec Plus	p16INK4a:E6H4, ki67:274-11AC3V1	Ventana	Zyt. TP	IHC
DF TTF/p40*	8G7G3/1//BC28	Ventana//Ventana	FFPE / Zyt.	IHC
DF S100/AE1/3*	polyklonal/AE1/AE3/PCK26	Ventana//Ventana	FFPE	IHC
DF Ten/CD3*	DB7//2GV6	BioZol//Ventana	FFPE	IHC
DF TTF/Napsin*	SP141//MRQ-60	Ventana//Ventana	FFPE	IHC
<b>Histologie</b>			<b>Material</b>	<b>Methode</b>
Alc - PAS – Alcianblau + PAS			FFPE	HC
Alc - PAS – pH2,5			FFPE	HC
Blanko (Gicht)			FFPE	HC
CAE – Chloracetatesterase-Färbung			FFPE / Zyt.	HC
EvG – Elastica van Gieson-Färbung			FFPE	HC
Fe – Eisenfärbung			FFPE / Zyt.	HC
Fuchsinfärbung nach Lie			FFPE	HC
Giemsa – differenzierte Giemsa-Färbung			FFPE / Zyt.	HC
Giemsa HP			FFPE	HC
Gomori			FFPE	HC
Gram – Gram-Färbung			FFPE / Zyt.	HC
Grocott			FFPE	HC
Hale – Hale-Färbung			FFPE	HC
Hämalaun-Scharlachrot-Färbung			Gefrierschnitte	HC
HE - Hämatoxylin-Eosin			FFPE / Zyt.	HC
HE+PAS-Doppelfärbung			FFPE	HC
HE+MB+Alc/PAS-Vierfachfärbung			FFPE	HC
Kalknachweis nach Kossa			FFPE	HC
Kongo – Kongorotfärbung			FFPE	HC
Kupfer- Färbung			FFPE	HC
Luxol-Fast-Blue			FFPE	HC



<b>Untersuchung</b>	<b>Material</b>	<b>Methode</b>
Masson-Fontana	FFPE	HC
MG – Masson-Goldner-Trichomfärbung	FFPE	HC
MGG – May-Grünwald-Giemsä-Färbung	Zyt.	HC
Ölrot – EGN-Ölrot-Färbung	FFPE	HC
PAP – Papanicolaou-Färbung	Zyt.	HC
PAS – PAS-Färbung	FFPE / Zyt.	HC
PAS-D – PAS-Diastase-Färbung	FFPE	HC
Safranin-O-Färbung	FFPE	HC
vG – van Gieson-Färbung	FFPE / Zyt.	HC
ZN – Ziehl-Neelson-Färbung	FFPE / Zyt.	HC
<b>Abteilung MolPath</b>	<b>Material</b>	<b>Methode</b>
<b>Mammakarzinom</b>		
EndoPredict (Multigentest)	FFPE	RT-qPCR
Oncotype DX	FFPE	RT-qPCR
HER2 Amplifikation	FFPE	FISH
PIK3CA Genmutation	FFPE/ Liquid Biopsy **	ddPCR / NGS
PDL1-IHC	FFPE	NGS
AmoyDx HRD-Focus Panel	FFPE	NGS
BRCA1/2 Genmutation	FFPE	NGS
ESR1 (AmoyDx HRR)	FFPE	NGS
ESR1 (Biotype)**	FFPE/ Liquid Biopsy **	ddPCR
AKT1 Genmutation	FFPE	NGS
PTEN genmutation	FFPE	NGS
HRR (AmoyDx HRR)	FFPE	NGS
<b>Magen/Ösophaguskarzinom</b>		
HER2 Amplifikation	FFPE	FISH



Untersuchung	Material	Methode
<b>Kolonkarzinom</b>		
BRAF Genmutation	FFPE	MALDI-TOF / NGS
EGFR Amplifikation	FFPE	FISH
KRAS Genmutation	FFPE	MALDI-TOF / NGS
Mikrosatelliteninstabilität (PCR)	FFPE	PCR/Fast-Track PCR
MLH1 Methylierung	FFPE	Pyro-sequenzierung / RT-qPCR
NRAS Genmutation	FFPE	MALDI-TOF / NGS
PIK3CA Genmutation	FFPE	MALDI-TOF / NGS
Reparenzyme	FFPE	IHC
<b>Lungenkarzinom</b>		
ALK Rearrangement	FFPE	FISH/NGS
BRAF Genmutation	FFPE	MALDI-TOF / NGS
EGFR Genmutation	FFPE/ Liquid Biopsy **	ddPCR /NGS /RT-qPCR
EGFR T790M Genmutation	FFPE/ Liquid Biopsy **	ddPCR /NGS /RT-qPCR
FGFR1 Amplifikation	FFPE	FISH/NGS
KRAS Genmutation	FFPE	MALDI-TOF/NGS
MAML2 Rearrangement	FFPE	FISH/NGS
MET Amplifikation	FFPE	FISH/NGS
METexon14-Skipping	FFPE	NGS
RET Rearrangement	FFPE	FISH/NGS
PIK3CA-Mutation	FFPE	MALDI-TOF/NGS
NTRK1/2/3 Rearrangement	FFPE	NGS
HER2-Amplifikation	FFPE	FISH/NGS
PD1-IHC	FFPE	IHC
PD-L1-IHC	FFPE	IHC
Oncomine Focus Assay NGS Panel	FFPE	NGS



<b>Untersuchung</b>	<b>Material</b>	<b>Methode</b>
HER2-Mutation	FFPE	NGS
KEAP1-Mutation	FFPE	NGS
STK11-Mutation	FFPE	NGS
<b>GIST</b>		
C-KIT Genmutation	FFPE	Sanger Seq./NGS
PDGFRA Genmutation	FFPE	Sanger Seq./NGS
HER2-Amplifikation Magen	FFPE	FISH
HER2-IHC	FFPE	IHC
<b>Schilddrüsenkarzinom</b>		
BRAF Genmutation	FFPE	MALDI-TOF / NGS
microRNA Panel	FFPE	RT-qPCR
PPARG Rearrangement	FFPE	FISH
RET Rearrangement	FFPE	FISH/NGS
<b>Urothel-, Nierenzell-, Prostatakarzinom, Peritonealkarzinose</b>		
MET Genmutation	FFPE	Sanger Seq.
UroVysion	FFPE/Urin	FISH
TFE3 Rearrangement	FFPE	FISH
ERG Rearrangement	FFPE	FISH
BRCA1/2 Genmutation	FFPE	NGS
FGFR3-Rearrangement	FFPE	FISH
PD1-IHC	FFPE	IHC
PD-L1-IHC	FFPE	IHC
FOLR1-IHC	FFPE	IHC
PROLARIS (Multigentest Prostata) **	FFPE	RT-qPCR
FGFR3-Mutation	FFPE	NGS
HRR OncoDeep	FFPE	NGS
HRD OncoDeep	FFPE	NGS
<b>Malignes Melanom</b>		
BRAF Genmutation	FFPE	MALDI-TOF / NGS



<b>Untersuchung</b>	<b>Material</b>	<b>Methode</b>
C-KIT Genmutation	FFPE	Sanger Seq. / NGS
Melanom FISH	FFPE	FISH
NRAS Genmutation	FFPE	MALDI-TOF / NGS
PD1-IHC	FFPE	IHC
PD-L1-IHC	FFPE	IHC
MERLIN Assay **	FFPE	RT-qPCR
GNA11-Mutation	FFPE	NGS
GNAQ-Mutation	FFPE	NGS
NF1-Mutation	FFPE	NGS
TERT-Mutation (Promoter)	FFPE	NGS/Sanger Seq.
<b>Hämatologische Tumore</b>		
TP53- (17p13-) Deletion FISH	FFPE	FISH
BCL2-Rearrangement	FFPE	FISH
BCL6-Rearrangement	FFPE	FISH
CALR Genmutation	FFPE	MALDI-TOF
C-KIT Genmutation	FFPE	Sanger Seq. / NGS
C-MYC-Rearrangement	FFPE	FISH
CSF1R Rearrangement	FFPE	FISH
Klonalitätsanalyse B-, T-Zell-Rezeptor	FFPE	Fragmentlänge (PCR)
IGH-Rearrangement	FFPE	FISH
JAK2 Genmutation (Exon 14)	FFPE	MALDI-TOF / NGS
kappa/lambda Leichtketten-SISH	FFPE	CISH
EBER-SISH	FFPE	CISH
EBV-PCR	FFPE	PCR
MALT1- Rearrangement (MZL)	FFPE	FISH
MPL Genmutation	FFPE	MALDI-TOF / NGS
Translokation (t14;18)(q32;q21) (FCL)	FFPE	FISH
Translokation (t11;14)(q13;q32) (MCL)	FFPE	FISH
Translokation t(9;22)(q34;q11) (CML)	FFPE	FISH
Translokation t(8;14)(q24.21;q32.3) (MYC/IGH)	FFPE	FISH



<b>Untersuchung</b>	<b>Material</b>	<b>Methode</b>
IGL-Rearrangement	FFPE	FISH
IGK-Rearrangement	FFPE	FISH
FGFR3-Rearrangement	FFPE	FISH
MYB-Rearrangement (6q23.3)	FFPE	FISH
MYD 88	FFPE	RT-qPCR
<b>Sarkome</b>		
C-MYC-Amplifikation	FFPE	FISH
COL1A1/PDGFB Translokation	FFPE	FISH
CTNNB1 ( $\beta$ catenin) Genmutation	FFPE	Sanger Seq.
EWSR1-Rearrangement	FFPE	FISH
FUS-Rearrangement	FFPE	FISH
JAZF1-Rearrangement	FFPE	FISH
MDM2 Amplifikation	FFPE	FISH
CHOP- (DDIT3-) Rearrangement	FFPE	FISH
SYT-Rearrangement	FFPE	FISH
TFE3-Rearrangement	FFPE	FISH
CDK4-Amplifikation	FFPE	FISH
<b>Hirntumore</b>		
1p/19q Deletion(1p36; 19q13)	FFPE	FISH
IDH1 Genmutation	FFPE	Sanger Seq.
IDH2 Genmutation	FFPE	Sanger Seq.
MGMT Methylierung	FFPE	Pyrosequenzierung / RT-qPCR
N-MYC Amplifikation	FFPE	FISH
EGFR Amplifikation	FFPE	FISH
CDKN2A Deletion	FFPE	FISH
<b>Pankreaskarzinom</b>		
BRCA1-, BRCA2- Mutation	FFPE	NGS
KRAS-Mutation	FFPE	MALDI-TOF/NGS
NRAS-Mutation	FFPE	MALDI-TOF/NGS



<b>Untersuchung</b>	<b>Material</b>	<b>Methode</b>
DNA-Repairenzyme	FFPE	IHC
Mikrosatelliteninstabilität-PCR	FFPE	PCR
HRR OncoDeep	FFPE	NGS
<b>HPV assoziierte Karzinome</b>		
HPV-Typisierung	FFPE / Zyt.**	MALDI-TOF / COBAS5800
<b>Ovarialkarzinome / Endometriumkarzinom / Endometriales Stromasarkom</b>		
BRCA1/2 Genmutation	FFPE	NGS
POLE Genmutation	FFPE	Sanger Seq./NGS
CTNNB1 (β catenin) Genmutation	FFPE	Sanger Seq.
MLH1 Methylierung	FFPE	Pyrosequenzierung / RT- qPCR
HRD OncoDeep	FFPE	NGS
HRR OncoDeep	FFPE	NGS
DNA-Repairenzyme	FFPE	IHC
Mikrosatelliteninstabilität-PCR	FFPE	PCR
JAZF1 (7p15.2-p15.1)	FFPE	FISH
FOLR1-IHC	FFPE	IHC
<b>Chromosome aberration</b>		
AneuVysion FISH	FFPE	FISH
<b>Tumorentitäts-unabhängig/übergreifend</b>		
Komplexe NGS- Mutationsanalyse (Oncomine Focus Assay)	FFPE	NGS
Oncomine Comprehensive Assay v3	FFPE	NGS
NTRK 1/2/3 Rearrangement	FFPE	NGS/RT-qPCR
BRCA1/2 Genmutation	FFPE	NGS
Repairenzyme	FFPE	IHC
Mikrosatelliteninstabilität (PCR)	FFPE	PCR / NGS
Gewebeidentität	FFPE	PCR
HER2 Amplifikation	FFPE	FISH



Untersuchung	Material	Methode
PIK3CA Genmutation	FFPE	MALDI-TOF / NGS / ddPCR
PD1 IHC	FFPE	IHC
PD-L1 IHC	FFPE	IHC
PsorX (Psoriasis vs. Ekzem)	FFPE	RT-PCR
<b>Nicht neoplastische Erkrankungen</b>		
Bartonella henselae	FFPE	PCR
Borrelia burgdorferi	FFPE	PCR
Chlamydomphila pneumoniae	FFPE	qPCR
Chlamydia trachomatis	FFPE / Zyt.**	qPCR
Clostridoides difficile-Toxin	FFPE	qPCR
Fructose-Intoleranz	FFPE	Hybridisierung
Hämochromatose	FFPE	Hybridisierung
Helicobacter pylori/Resistenz	FFPE	Hybridisierung
Herpes-Virus-Multiplex PCR(HSV1/2, VZV, EBV, CMV, HHV6)	FFPE	PCR
HHV8	FFPE	qPCR
HPV Cobas5800-Test	FFPE / Zyt.**	qPCR
Lactose-Intoleranz	FFPE	Hybridisierung
Leishmanien	FFPE	PCR
Mykosen	FFPE / Zyt.**	PCR /Seq./ Hybridisierung
Mykobakterien	FFPE	Hybridisierung
Neisseria gonorrhoeae	FFPE	RT-PCR
Pneumocystis jirovecii	FFPE	qPCR
Polyoma JC-Virus	FFPE	qPCR
Poyoma BK-Virus	FFPE	qPCR
Synovitis-Test (Molzym)	FFPE / Zyt.**	PCR/Seq.
Toxoplasma gondii	FFPE	PCR
Treponema pallidum	FFPE	PCR
Tropheryma whippelii	FFPE	qPCR
Yersinia enterocolitica	FFPE	PCR



<b>Untersuchung</b>	<b>Material</b>	<b>Methode</b>
Zöliakie	FFPE	Hybridisierung
DPYD-Genotypisierung	FFPE	MALDI-TOF

\* sowohl DAB als auch RED Nachweisreaktion

\*\* ausserhalb Akkreditierungsscope

Zyt. - auch zytologisches Material mit DAB Nachweisreaktion