

Anforderungsformular zur molekularpathologischen Untersuchung

Patientendaten: Datum:	Einsender (Praxis/Klinik/Arzt):	<i>Eingangsnummer Tübingen Barcode</i>
Name:		
Vorname:		
Geb.-Dat.:		
Blocknr:		
Diagnose:	Rechnungsadresse: Adresse angeben: <input type="radio"/> Privat-Pat. <input type="radio"/> anfordernde Klinik	
Sonst. Befundempfänger oder Bemerkungen:	<input type="radio"/> Rechnung an Einsender <input type="radio"/> KV-Patient <input type="radio"/> Ü-Schein liegt bei	

Genetische Veränderungen solider Tumoren	
Kolonkarzinom (NGS oder Sanger-Seq.)	
<input type="checkbox"/>	RAS Mutation (v.a. Kolorekt. CA; KRAS und NRAS Exon 2, 3, 4)
<input type="checkbox"/>	KRAS Mutation nur Exon 2
<input type="checkbox"/>	BRAF (Kodon 600) und PIK3CA
NSCLC (NGS oder Sanger-Seq. und FISH)	
<input type="checkbox"/>	EGFR Mutation (v.a. Lungen-CA; Exon 18, 19, 20, 21)
<input type="checkbox"/>	EGFR Amplifikation (Lungen-CA, FISH)
<input type="checkbox"/>	EML4-ALK (NSCLC; Stufendiagnostik IHC und FISH)
<input type="checkbox"/>	ROS1-Translokation (NSCLC; Stufendiagnostik IHC und FISH)
<input type="checkbox"/>	MET Amplifikation (NSCLC; FISH)
<input type="checkbox"/>	MET Mutation Ex 14 Skipping (Seq.)
<input type="checkbox"/>	RET Rearrangements (NSCLC; FISH)
<input type="checkbox"/>	EGFR Resistenzmutation p.T790M Gewebe-Biopsie
<input type="checkbox"/>	EGFR Resistenzmutation p.T790M Liquid Biopsy
GIST	
<input type="checkbox"/>	KIT (Exon 9, 11, 13, 14, 17, 18) u. PDGFRA (Exon 12, 18) Mut. GIST
<input type="checkbox"/>	KIT Mutation nur Exon 9 und 11 (GIST Primärmutation)
<input type="checkbox"/>	KIT (Exon 13, 14, 17, 18) und PDGFRA (Exon 12, 18) Mut. GIST
Melanom	
<input type="checkbox"/>	BRAF NRAS KIT Mutation (Melanom)
<input type="checkbox"/>	BRAF Mutation nur Kodon 600 (Melanom, HNPCC Ausschluss)
<input type="checkbox"/>	CCND1 Amplifikation (Melanom; FISH)
<input type="checkbox"/>	KIT Amplifikation (Melanom; FISH)
Sarkome	
<input type="checkbox"/>	FUS Transl. (Low grade fibromyxoid. Sarkom)(FISH, RT-PCR FUS/CREB3L1/2)
<input type="checkbox"/>	FOXO1 (FKHR) Translokation (Alveol. Rhabdomyosarkom)(FISH)
<input type="checkbox"/>	SYT/SSX1/2/4 Translokation (Synoviales Sarkom)(FISH, RT-PCR)
<input type="checkbox"/>	MDM2 Amplif. (Atyp. lipomat. Tumor/dedifferenz. Liposarkom)(FISH)
<input type="checkbox"/>	DDIT3 (CHOP) Translok. (Myxoides Liposarkom)(FISH)
<input type="checkbox"/>	EWS/FLI1/ERG Translok. (Ewing-Sarkom-Fam.)(FISH, RT-PCR)
<input type="checkbox"/>	EWS/ATF1 Translokation (Klärzell-Sarkom)(FISH, RT-PCR)
<input type="checkbox"/>	EWS Transl. (Myxoides Liposarkom)(FISH)(selten DDIT3-EWS)
<input type="checkbox"/>	YWHAE-FAM22 Transl. (High grade endometr. Stromasarkom.)(FISH)
<input type="checkbox"/>	JAZF1/SUZ12 Transl. (Low grade endometriales Stromasarkom)(FISH)
Sonstiges auf Anfrage	
Prädiktive Marker für zielgerichtete Therapien	

Mammakarzinom	
<input type="checkbox"/>	HER2 IHC
<input type="checkbox"/>	HER2 Amplifikation (FISH)
Ovarial- und Endometriumkarzinom	
<input type="checkbox"/>	BRCA1 BRCA2 Mutation (Next Generation Sequencing)
<input type="checkbox"/>	POLE Mutation (Hotspots Ex 9 und 13)
Cholangiozelluläres Karzinom	
<input type="checkbox"/>	IDH Mutation (Hotspot-Kodons IDH1 132, IDH2 140 und 172)
sonstige solide Tumore	
<input type="checkbox"/>	FOXL2 Mutation (Granulosazelltumor, Kodon 134)
<input type="checkbox"/>	TP53 Mutation (verschiedene Tumore)
<input type="checkbox"/>	TP53 Deletion (verschiedene Tumore; FISH)
<input type="checkbox"/>	GNAS Mutation (fibröse Dysplasie, Kodon 201)
<input type="checkbox"/>	UroVysion (Harnblasen-CA, Mesotheliom; FISH)
<input type="checkbox"/>	PD1 (IHC)
<input type="checkbox"/>	PD-L1 (IHC)
HNPCC Screening	
<input type="checkbox"/>	MMR-Protein IHC
<input type="checkbox"/>	Mikrosatellitenanalyse
<input type="checkbox"/>	MLH1-Promoter-Methylierung
Kolorektales CA: Stufendiagnostik MMR IHC + MSI → BRAF → MLH1 Methylierung	
Endometrium-CA: Stufendiagnostik MMR IHC → MLH1-Methylierung	
Panelanalysen Next Generation Sequencing	
<input type="checkbox"/>	Ion AmpliSeq Colon and Lung Cancer Panel (Life Technologies), Hotspotregionen in: KRAS, EGFR, BRAF, PIK3CA, AKT1, ERBB2, PTEN, NRAS, STK11, MAP2K1, ALK, DDR2, CTNNB1, MET, TP53, SMAD4, FBX7, FGFR3, NOTCH1, ERBB4, FGFR1, FGFR2
<input type="checkbox"/>	Ion AmpliSeq Cancer Hotspot Panel (Life Technologies), Hotspotregionen in: ABL1, EZH2, JAK3, PTEN, AKT1, FBXW7, IDH2, PTPN11, ALK, FGFR1, KDR, RB1, APC, FGFR2, KIT, RET, ATM, FGFR3, KRAS, SMAD4, BRAF, FLT3, MET, SMARCB1, CDH1, GNA11, MLH1, SMO, CDKN2A, GNAS, MPL, SRC, CSF1R, GNAQ, NOTCH1, STK11, CTNNB1, HNF1A, NPM1, TP53, EGFR, HRAS, NRAS, VHL, ERBB2, IDH1, PDGFRA, ERBB4, JAK2, PIK3CA
<input type="checkbox"/>	Ion AmpliSeq Custom Panel Leberadenome (Life Technologies), Hotspots in: CTNNB1, GNAS, IL6ST, JAK1, FRK, TERT Promoter, komplette kod. Seq.: HNF1A, STAT3, SLC1B3, KPNA4, ALK, DDX21, KIAA1109