

## Molekulare Diagnostik- Anforderungsschein

<b>Patient</b> (ggf. Patientenaufkleber verwenden) Name, Vorname: _____ Eingangsnummer: _____ Block: _____	<b>Einsender</b> Arzt: _____ Datum: _____	<b>Bemerkung:</b> _____ _____
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Diagnose: <input type="checkbox"/> Erstdiagnose <input type="checkbox"/> Z.n. Therapie: _____	<b>Kostenträger</b> <input type="checkbox"/> <b>GKV</b> (gesetzlich versichert) <input type="checkbox"/> ambulant <input type="checkbox"/> stationär <input type="checkbox"/> <b>PKV</b> (privat versichert) <input type="checkbox"/> ambulant <input type="checkbox"/> stationär	[1] Anforderung per Ü-Schein wird empfohlen. Bei stationären Patienten muss die Kostenübernahme durch die anfordernde Klinik geklärt sein.
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<b>Lungenkarzinom</b> <b>NGS-Diagnostik</b> <input type="checkbox"/> Erstdiagnose: EGFR, KRAS (Ex 2), BRAF + ALK- und ROS1- Translokation [CISH] <input type="checkbox"/> EGFR <input type="checkbox"/> KRAS (Exon 2) <input type="checkbox"/> BRAF <input type="checkbox"/> [1] Lungen Panel: ALK, BRAF, EGFR, KRAS, MET, NRAS, PIK3CA, RET, TP53	<b>Chromosomale Analyse</b> <input type="checkbox"/> ALK-Translokation <input type="checkbox"/> ROS1-Translokation <input type="checkbox"/> RET-Translokation <input type="checkbox"/> MET-Amplifikation <input type="checkbox"/> Her2-Amplifikation	<b>Nachweis EGFR T790M</b> [Real-time PCR] Untersuchungsmaterial: <input type="checkbox"/> Zytologie, Gewebe <input type="checkbox"/> Liquid biopsy <a href="#">siehe VA Blutabnahme</a> Primärmutation: <input type="checkbox"/> Exon 18 <input type="checkbox"/> Exon 19 <input type="checkbox"/> Exon 20 <input type="checkbox"/> Exon 21 <input type="checkbox"/> unbekannt
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<b>Kolorektales Karzinom</b> <b>NGS-Diagnostik</b> <input type="checkbox"/> RAS (KRAS und NRAS) <input type="checkbox"/> BRAF <input type="checkbox"/> [1] Kolon Panel: AKT1, BRAF, CTNNB1, KRAS, NRAS, PIK3CA, TP53	<b>HNPCC/ Lynch-Syndrom</b> <input type="checkbox"/> MLH1-Methylierung <input type="checkbox"/> BRAF [NGS] <input type="checkbox"/> Mikrosatelliteninstabilität (MSI)	<b>Grading Adenokarzinom</b> <input type="checkbox"/> Mikrosatelliteninstabilität (MSI)
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<b>Malignes Melanom (MM)</b> <b>NGS-Diagnostik</b> <input type="checkbox"/> BRAF <input type="checkbox"/> KIT <input type="checkbox"/> NRAS (Exon 3) <input type="checkbox"/> [1] Melanom Panel: BRAF, CTNNB1, GNAQ, GNA11, IDH1, KIT, NRAS, TP53	<b>Aderhautmelanom</b> <input type="checkbox"/> Chromosom 3 Monosomie <input type="checkbox"/> GNAQ und GNA11 [NGS]
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<b>Hämatookologie</b> <b>Lymphoproliferative Neoplasien</b> <input type="checkbox"/> B-Zell-Klonalität (IGH, IGK, IGL) <input type="checkbox"/> T-Zell-Klonalität (TCRG, TCRB) <input type="checkbox"/> MYD88 (Kodon L265) <input type="checkbox"/> BRAF (Kodon V600) <input type="checkbox"/> MYC-Translokation <input type="checkbox"/> EBER ISH (EBV)
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<b>Tumoren des Nervensystems</b> <b>NGS-Diagnostik</b> <input type="checkbox"/> IDH1 <input type="checkbox"/> IDH2 <input type="checkbox"/> EGFR <input type="checkbox"/> BRAF <input type="checkbox"/> [1] Neuro Panel: BRAF, CTNNB1, EGFR, IDH1, IDH2, RET, TP53	<b>Methylierung</b> <input type="checkbox"/> MGMT	<b>Mutationssuche</b> <input type="checkbox"/> H3F3A (Ex 2)	<b>Chromosomale Analyse</b> <input type="checkbox"/> LOH 1p/19q
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<b>Mastozytose</b> <input type="checkbox"/> KIT (Kodon D816)
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<b>Gastrointestinale Stromatumoren (GIST)</b> <b>NGS-Diagnostik</b> <input type="checkbox"/> KIT und PDGFRA <input type="checkbox"/> [1] GIST Panel: KIT, PDGFRA, BRAF, PIK3CA
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<b>Weichteil- und Knochentumore</b> <b>Chromosomale Analyse</b> <input type="checkbox"/> MDM2-Amplifikation <input type="checkbox"/> EWSR1-Translokation <input type="checkbox"/> SYT-Translokation
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<b>Myeloproliferative Neoplasien</b> <input type="checkbox"/> JAK2 (Kodon V617) [WTB-qPCR] <i>falls negativ</i> <input type="checkbox"/> JAK2 (Exon 12) <i>falls negativ</i> <input type="checkbox"/> Calreticulin (Exon 9) <i>falls negativ</i> <input type="checkbox"/> MPL (Kodon W515) <input type="checkbox"/> SRSF2 (Exon 1)
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<b>Ovarialkarzinom</b> <b>NGS-Diagnostik</b> <input type="checkbox"/> [1] BRCA1 und BRCA2	<b>Methylierung</b> <input type="checkbox"/> MLH1
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<b>Mutationssuche</b> <input type="checkbox"/> H3F3A (Exon 2) <input type="checkbox"/> IDH1 und 2 (Exon 4) <input type="checkbox"/> CTNNB1 (Exon 3) [NGS]
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<b>Sonstige Mutationssuche</b> <input type="checkbox"/> HRAS (Kodon 12, 13, und 61) <input type="checkbox"/> Hämochromatose (HFE C282Y)
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<b>Mammakarzinom</b> <b>Chromosomale Analyse</b> <input type="checkbox"/> Her2-Amplifikation
<b>NGS-Diagnostik</b> <input type="checkbox"/> [1] BRCA1 und BRCA2 <input type="checkbox"/> [1] Brust Panel: AKT1, EGFR, ERBB2, ERBB3, ESR1, KRAS, PIK3CA, TP53

<b>weitere NGS-Diagnostik</b> <input type="checkbox"/> [1] <b>Solid Tumor Panel</b> <a href="#">siehe Genliste für detaillierte Informationen zum Umfang der untersuchten Genbereiche</a> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> AKT1 (E17)</td> <td><input type="checkbox"/> FOXL2 (C134)</td> <td><input type="checkbox"/> NRAS (Ex 2, 3, 4)</td> </tr> <tr> <td><input type="checkbox"/> ALK (F1174, R1275 u.w.)</td> <td><input type="checkbox"/> GNA11 (Q209)</td> <td><input type="checkbox"/> PDGFRA (Ex 12, 14, 18)</td> </tr> <tr> <td><input type="checkbox"/> BRAF (Ex 11, 12, 15 u.w.)</td> <td><input type="checkbox"/> GNAQ (Q209)</td> <td><input type="checkbox"/> PIK3CA (alle kod. Exone)</td> </tr> <tr> <td><input type="checkbox"/> CTNNB1 (Ex 3)</td> <td><input type="checkbox"/> IDH1 (R132)</td> <td><input type="checkbox"/> RAF1 (L613, S257)</td> </tr> <tr> <td><input type="checkbox"/> EGFR (Ex 18, 19, 20, 21 u.w.)</td> <td><input type="checkbox"/> IDH2 (R140, R172)</td> <td><input type="checkbox"/> RET (C634, M918)</td> </tr> <tr> <td><input type="checkbox"/> ERBB2 (alle kod. Exone)</td> <td><input type="checkbox"/> KIT (Ex 9, 11, 13, 17, 18 u.w.)</td> <td><input type="checkbox"/> TP53 (alle kod. Exone)</td> </tr> <tr> <td><input type="checkbox"/> ERBB3 (V104, E928 u.w.)</td> <td><input type="checkbox"/> KRAS (Ex 2, 3, 4)</td> <td></td> </tr> <tr> <td><input type="checkbox"/> ESR1 (K303, D538)</td> <td><input type="checkbox"/> MET (M1268)</td> <td></td> </tr> </table> <input type="checkbox"/> [1] <b>BRCA1 und BRCA2</b>	<input type="checkbox"/> AKT1 (E17)	<input type="checkbox"/> FOXL2 (C134)	<input type="checkbox"/> NRAS (Ex 2, 3, 4)	<input type="checkbox"/> ALK (F1174, R1275 u.w.)	<input type="checkbox"/> GNA11 (Q209)	<input type="checkbox"/> PDGFRA (Ex 12, 14, 18)	<input type="checkbox"/> BRAF (Ex 11, 12, 15 u.w.)	<input type="checkbox"/> GNAQ (Q209)	<input type="checkbox"/> PIK3CA (alle kod. Exone)	<input type="checkbox"/> CTNNB1 (Ex 3)	<input type="checkbox"/> IDH1 (R132)	<input type="checkbox"/> RAF1 (L613, S257)	<input type="checkbox"/> EGFR (Ex 18, 19, 20, 21 u.w.)	<input type="checkbox"/> IDH2 (R140, R172)	<input type="checkbox"/> RET (C634, M918)	<input type="checkbox"/> ERBB2 (alle kod. Exone)	<input type="checkbox"/> KIT (Ex 9, 11, 13, 17, 18 u.w.)	<input type="checkbox"/> TP53 (alle kod. Exone)	<input type="checkbox"/> ERBB3 (V104, E928 u.w.)	<input type="checkbox"/> KRAS (Ex 2, 3, 4)		<input type="checkbox"/> ESR1 (K303, D538)	<input type="checkbox"/> MET (M1268)	
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<b>Molekularer Erregernachweis</b> <input type="checkbox"/> Myc. tuberculosis complex <input type="checkbox"/> Myc. avium <input type="checkbox"/> Bartonella henselae <input type="checkbox"/> CMV <input type="checkbox"/> Listerien <input type="checkbox"/> Leishmanien <input type="checkbox"/> pan-Fungi
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