



Diagnostic Tumor Genome Analysis

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ngs.pathologie@usz.ch
www.pathologie.usz.ch

Client (address, telephone number):

Sample-Nr.: _____

Sent in: Paraffin block Frozen tissue
 EDTA-Blood Cyto. Smear
 Plasma
 DNA

Patient male female

Surname: _____

Name: _____

Date of birth: _____

Address: _____

Diagnosis: _____

Specific questions: _____

Invoice to: Client Patient other: _____

Date: _____ Signature: _____

Sender (if not client): _____

Report copy to: _____

General Informed Consent from USZ filled out and attached:

Select analysis on the next pages →

Sample request and sending address see last page





Lung	<p><u>Fast track 12-24h (HotSpots)</u></p> <p><input type="checkbox"/> Idylla™ <i>EGFR</i> Mutation Test</p> <p><input type="checkbox"/> Idylla™ <i>KRAS</i> Mutation Test</p>	<p><u>Tumor Profiling (Mutations, Amplifications, Translocations/Fusions)</u></p> <p><input type="checkbox"/> Oncomine Focus Assay™ Panel (incl. <i>EGFR</i>, <i>KRAS</i>, <i>ALK</i> Mutations; <i>ALK</i>, <i>ROS1</i>, <i>RET</i> Translocations, <i>MET</i> Exon 14 skipping, <i>MET</i> und <i>ERBB2</i> Amplifications)</p> <p><input type="checkbox"/> Oncomine TMB Assay</p> <p><input type="checkbox"/> Oncomine Compr. Assay™ v3 (Gen-Subset)</p>	<p><u>Liquid Biopsy (Tumor Monitoring)</u></p> <p><input type="checkbox"/> Oncomine™ Lung cfDNA Assay (incl. <i>EGFR</i>, <i>KRAS</i>)</p>	<p><u>Other analyses</u></p> <p><input type="checkbox"/> ALK (IHC)</p> <p><input type="checkbox"/> ROS1 (IHC)</p> <p><input type="checkbox"/> PD-L1 (IHC)</p> <p><input type="checkbox"/> c-MET (IHC)</p> <p><input type="checkbox"/> HER2 (IHC)</p>
GI-Tract	<p><u>Fast track 12-24h (HotSpots)</u></p> <p><input type="checkbox"/> Idylla™ <i>KRAS</i> Mutation Test</p> <p><input type="checkbox"/> Idylla™ <i>NRAS-BRAF</i> Mutation Test</p>	<p><u>Tumor Profiling (Mutations, Amplifications, Translocations/Fusions)</u></p> <p><input type="checkbox"/> Oncomine Focus Assay™ Panel (incl. <i>KRAS</i>, <i>BRAF</i>, <i>NRAS</i>, <i>KIT</i>, <i>PDGFRA</i> Mutations; <i>PDGFRA</i>, <i>KIT</i> Amplifications)</p> <p><input type="checkbox"/> Oncomine TMB Assay</p> <p><input type="checkbox"/> Oncomine Compr. Assay™ v3 (Gen-Subset)</p>	<p><u>Liquid Biopsy (Tumor Monitoring)</u></p> <p><input type="checkbox"/> Oncomine™ Colon cfDNA Assay (incl. <i>KRAS</i>, <i>BRAF</i>, <i>NRAS</i>)</p>	<p><u>Other analyses</u></p> <p><input type="checkbox"/> MSH2, MSH6, PMS, MLH1 (IHC)</p> <p><input type="checkbox"/> BRAF VE1 (IHC, p.V600E spezifisch)</p>
Skin	<p><u>Fast track 12-24h (HotSpots)</u></p> <p><input type="checkbox"/> Idylla™ <i>NRAS-BRAF</i> Mutation Test</p>	<p><u>Tumor Profiling (Mutations, Amplifications, Translocations/Fusions)</u></p> <p><input type="checkbox"/> MelArrayDx</p> <p><input type="checkbox"/> Oncomine Focus Assay™ Panel (incl. <i>BRAF</i>, <i>NRAS</i>, <i>KIT</i>, <i>GNAQ</i>, <i>GNA11</i> Mutations)</p> <p><input type="checkbox"/> Oncomine TMB Assay</p> <p><input type="checkbox"/> Oncomine Compr. Assay™ v3 (Gen-Subset)</p>	<p><u>Liquid Biopsy (Tumor Monitoring)</u></p> <p><input type="checkbox"/> Oncomine™ Colon cfDNA Assay (incl. <i>BRAF</i>, <i>NRAS</i>)</p>	<p><u>Other analyses</u></p> <p><input type="checkbox"/> BRAF VE1 (IHC, p.V600E spezifisch)</p>





Brain	<p>Fast track 12-24h (HotSpots)</p> <p><input type="checkbox"/> Idylla™ NRAS-BRAF Mutation Test</p>	<p>Tumor Profiling (Mutations, Amplifications, Translocations/Fusions)</p> <p><input type="checkbox"/> Oncomine Focus Assay™ Panel (incl. <i>AKT1</i>, <i>BRAF</i>, <i>IDH1</i>, <i>IDH2</i>, <i>EGFR variant III</i> Mutations, <i>KIAA1549:BRAF</i> Fusions)</p> <p><input type="checkbox"/> Oncomine Compr. Assay™ v3 (Gen-Subset)</p>	<p>Liquid Biopsy (Tumor Monitoring)</p> <p><input type="checkbox"/> Oncomine™ Colon cfDNA Assay (incl. <i>AKT1</i>, <i>BRAF</i>)</p>	<p>Other analyses</p> <p><input type="checkbox"/> ____</p>
Soft tissue / Bone		<p>Tumor Profiling (Mutations, Amplifications, Translocations/Fusions)</p> <p><input type="checkbox"/> Oncomine Focus Assay™ Panel (incl. <i>CTNNB1</i> Mutations)</p> <p><input type="checkbox"/> Archer Sarcoma Panel (incl. t(11;22), t(X;18), t(12;16), t(12;22), t(21;22), t(7;16), t(11;16), t(1;13), t(2;13))</p> <p><input type="checkbox"/> Oncomine Compr. Assay™ v3 (Gen-Subset)</p>	<p>Liquid Biopsy (Tumor Monitoring)</p> <p><input type="checkbox"/> Oncomine™ Colon cfDNA Assay (incl. <i>CTNNB1</i>, <i>GNAS</i>)</p>	<p>Other analyses</p> <p><input type="checkbox"/> ____</p>
Ovary / Breast / Prostate / Pancreas		<p>Tumor Profiling (Mutations, Amplifications, Translocations/Fusions)</p> <p><input type="checkbox"/> Oncomine BRCA™ Panel (incl. all coding exons; <i>BRCA1+2</i> Deletions; LargeINDELS, Duplications)</p> <p><input type="checkbox"/> Oncomine Focus Assay™ Panel (incl. <i>ERBB2</i> Mutations and Amplifications)</p> <p><input type="checkbox"/> Oncomine TMB Assay</p> <p><input type="checkbox"/> Oncomine Compr. Assay™ v3 (Gen-Subset)</p>	<p>Liquid Biopsy (Tumor Monitoring)</p> <p><input type="checkbox"/> Oncomine™ Breast cfDNA Assay (incl. <i>ERBB2</i>)</p>	<p>Other analyses</p> <p><input type="checkbox"/> HER2 (IHC)</p> <p><input type="checkbox"/> Progesteron-rezeptor (IHC)</p> <p><input type="checkbox"/> Östrogenrezeptor (IHC)</p>





Hematopathology		<p><u>Tumor Profiling</u> <u>(Mutations, Amplifications, Translocations/Fusions)</u></p> <p><input type="checkbox"/> TP53 Panel (incl. all coding exons)</p> <p><input type="checkbox"/> TrueSight Myeloid Panel (incl. <i>BRAF</i>, <i>MYD88</i>)</p> <p><input type="checkbox"/> Oncomine Focus Assay™ Panel (incl. <i>BRAF</i>, <i>MAP2K1</i>)</p> <p><input type="checkbox"/> Oncomine Compr. Assay™ v3 (Gen-Subset)</p>	<p><u>Liquid Biopsy</u> <u>(Tumor Monitoring)</u></p> <p><input type="checkbox"/> Oncomine™ Colon cfDNA Assay (incl. <i>BRAF</i>, <i>MAP2K1</i>)</p>	<p><u>Other analyses</u></p> <p><input type="checkbox"/> _____</p>

Other analyses

Single / sequential mutation analyses → Order form Diagnostische Molekularpathologie
Tel.: (+41) 044 255 39 45

FISH-Analyses → Order form ISH; Labor für In situ-Techniken
Tel.: (+41) 044 255 19 87

Prognostic Tumor Profiling → Order form Laboratory of Molecular Tumor Profiling
Tel.: (+41) 43 253 0334





Probe requests for the different analyses and price

Please send material for analyses together with the order form to:

UniversitätsSpital Zürich
Institut für Pathologie und Molekularpathologie
Histologielabor PATH F 1
z.Hd. Diagnostische Tumor-Genomanalyse
Schmelzbergstrasse 12
8091 Zürich / Schweiz

Analysis from fixed tissue possible; if possible add an actual HE staining

Idylla™ **NRAS-BRAF** Mutation Test (TARMED-Pos. 1x 37.0540: 470.6 TP)

Idylla™ **KRAS** Mutation Test (TARMED-Pos. 1x 37.0540: 470.6 TP)

Idylla™ **EGFR** Mutation Test (TARMED-Pos. 1x 37.0540: 470.6 TP)

- **Send material for analyses Monday – Friday, at latest 17:30**

Analysis from fixed and frozen tissue, cytological smears and DNA/RNA possible

MelArrayDx (auf Anfrage)

Oncomine™ **TMB** Assay (TARMED-Pos. 2x 37.0540: 941.20 TP)

Oncomine™ **BRCA** Research Assay (TARMED-Pos. 4x 37.0540: 1'882.40 TP)

Oncomine **Focus Assay**™ Panel (**DNA, RNA**) (TARMED-Pos. 5x 37.0540: 2'353 TP)

Oncomine **Compr. Assay**™ v3 (**Gen-Subset**) (auf Anfrage)

- **Send material for analyses Monday – Friday, at latest 17:30**

Analysis from fixed and frozen tissue, DNA and EDTA-Blood possible

Ion AmpliSeq™ **TP53** Panel (TARMED-Pos. 2x 37.0540: 941.20 TP)

- **Send material for analyses Monday – Friday, at latest 17:30**

Analysis from fixed, frozen tissue and RNA possible

Archer **Sarcoma** Panel (TARMED-Pos. 3x 37.0540: 1'410.60 TP)

- **Send material for analyses Monday – Friday, at latest 17:30**

Analysis from EDTA-Blood, EDTA-bone marrow aspirate or biopsy in NaCl and DNA possible

TruSight **Myeloid**® Sequencing Panel (TARMED-Pos. 3x 37.0540: 1'410.60 TP)

- **Bone marrow biopsy / punch in NaCl, Monday – Thursday, at latest 17:30**
- **Bone marrow aspirate or blood, Monday – Thursday, at latest 17:30, Friday at latest 14:00**

Analysis from EDTA-Blood and plasma possible (Liquid Biopsy):

Oncomine™ **Lung cfDNA Assay** Panel (DNA) (TARMED-Pos. 5x 37.0540: 2'353 TP)

Oncomine™ **Colon cfDNA Assay** Panel (DNA) (TARMED-Pos. 5x 37.0540: 2'353 TP)

Oncomine™ **Breast cfDNA Assay** Panel (DNA) (TARMED-Pos. 5x 37.0540: 2'353 TP)

- **Send 10 - 20 ml blood in a K2-EDTA Plasma tube within 12 h at room temperature to the USZ (at latest 16:00).** Please provide date and time from blood taking.
- If the sample cannot be sent within 12 h, please use following tube: **Cell-Free DNA BCT** (Streck; Katalog-Nr.: 218961) and send it to the address depicted above at room temperature. Please provide date and time from blood taking. If you do not have such tubes, we may send you one.

