**DEPARTMENT OF PATHOLOGY RAMATHIBODI HOSPITAL**
Department of Pathology Building 1 floor 4th Ramathibodi Hospital
270 Rama VI Road, Toong Phayathai, Rachathewi Bangkok 10400

**MOLECULAR HISTOPATHOLOGY REQUEST FORM**

- Surgery Pathology (sent specimen) Building 1 floor 4th Tel. 02-201-1431, 02-201-2247
- Molecular Histopathology , Immunopathology and special laboratory (Information of test) Building 1 floor 4th Tel. 02-201-1249, 02-201-0156

Surgical Number

| รหัสบริการ | ประเภทการส่งตรวจ |
|---|---|
| | **TURN AROUND TIME** **within 15 working days** |
| ☐ 11920 | RT-PCR for fusion gene (direct sequencing) select |

- ☐ Synovial sarcoma (SSX/SYT)
- ☐ Alveolar rhabdomyosarcoma (PAX3,PAX7/FKHR)
- ☐ Infantile fibrosarcoma (ETV6/NTRK3)
- ☐ Myxoid/Round cell liposarcoma (FUS/DDIT3)
- ☐ Angiofibroma (AHRR/NCOA2)
- ☐ Fibromyxoid sarcoma (FUS/CREB3L2)
- ☐ Solitary fibrous tumor (NAB2/STAT6)
- ☐ undifferentiated small round cell sarcoma (BCOR/CCNB3)
- ☐ clear cell / undifferentiated small round cell sarcoma (BCOR-ITD)
- ☐ Ewing 's sarcoma (EWSR1/FLI1, EWSR1/ERG)
- ☐ Mesenchymal chondrosarcoma (HEY1/NCOA2)
- ☐ Desmoplastic small round cell tumor (EWSR1/WT1)
- ☐ Extraskeletal myxoid chondrosarcoma (EWSR1/CHN)
- ☐ clear cell sarcoma (EWSR1/ATF1)
- ☐ Small cell osteosarcoma (EWSR1/CREB3L1)
- ☐ NUT midline carcinoma (NUT/BRD4)
- ☐ Pericytoma (ACTB/GLI1)
- ☐ Dermatofibrosarcoma Protuberans (COL1A1/PDGFB)
- ☐ Inflammatory myofibroblastic tumor (TFGex4/ROS1ex35, YWHAEex4/ROS1ex36, CLTC/ALK, RANBP2/ALK, TPM3/ALK,TPM4/ALK)
- ☐ BRAF gene fusion
- ☐ EGFR V III mutation

TURN AROUND TIME within 20 working days

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| ☐ 11923 | Microsatellite instability (MSI) test for cancer (fragment analysis) |
| ☐ 11687 | Oncotype Dx-Breast |
| ☐ 11928 | Mamma print / Blue print genomic test |
| ☐ 11786 | FoundationOne Liquid CDx |
| ☐ 11876 | FoundationOne Liquid CDx (Lung program) |
| ☐ 11782 | FoundationOne CDx |
| ☐ 11877 | FoundationOne CDx (Lung program) |
| ☐ 11783 | FoundationOne Heme |
| ☐ 11979 | K-TRACK (1st) FFPE and blood |
| ☐ 11980 | K-TRACK (n) blood |
| ☐ 11981 | K-4CARE |

**HEMATOPATHOLOGY TEST** TURN AROUND TIME within 20 working days

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| ☐ 11924 | T cell receptor (TCR) gamma chain gene rearrangement (fragment analysis) |
| ☐ 11925 | T cell receptor (TCR) gamma gene and T cell recepter (TCR) beta gene rearrangement (fragment analysis) |
| ☐ 11926 | Immunoglobulin heavy chain (IgH) gene rearrangement (fragment analysis) |
| ☐ 11927 | Immunoglobulin heavy chain (IgH) gene and Immunoglobulin kappa chain (IgK) gene rearrangement (fragment analysis) |
| ☐ 11904 | MYD88 mutation (L265P mutation) |
| ☐ 11757 | FISH for c-myc gene rearrangement |
| ☐ 11758 | FISH for BCL2 and BCL6 gene rearrangement |
| ☐ 11725 | FISH for BCL2, BCL6 and c-myc gene rearrangement |
| ☐ 11788 | FISH for CCND1/IGH fusion |
| ☐ 11967 | FISH for MYC/IGH/CEN fusion |
| ☐ 11722 | Next generation sequencing for Myeloid Leukemia (ASXL1, CALR, CBL, **CEBPα**, CSF3R, DNMT3A, EZH2, **FLT3**, IDH1, IDH2, JAK2, KIT, KRAS, MPL, NPM1, NRAS, RUNX1, SETBP1, SF3B1, SH2B3, SRSF2, TET2, TP53, U2AF1, ZRSR2) |

***In situ* Hybridization TEST** TURN AROUND TIME within 5 working days

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| ☐ 09031 | Adenovirus (*In situ* Hybridization) |
| ☐ 06665 | Cytomegalovirus (CMV) (*In situ* Hybridization) |
| ☐ 06666 | Epstein-Barr (EBV) (*In situ* Hybridization) |
| ☐ 06668 | Herpes simplex virus (HSV) (*In situ* Hybridization) |
| ☐ 11859 | Human papillomavirus (HPV) high risk (RNA) (*In situ* Hybridization) |
| ☐ 11728 | Human papillomavirus (HPV) Low risk (DNA) (*In situ* Hybridization) |
| ☐ 11857 | Kappa (*In situ* Hybridization) |
| ☐ 11858 | Lambda (*In situ* Hybridization) |