Human Genetic Requisition Form

Human Genetic Laboratory
Department of Pathology, Faculty of Medicine Ramathibodi Hospital
Rama 6 Rd. Bangkok 10400
Tel. 0-2201-1267, 1369, 1463-4

For Laboratory Use Only

Lab No. / TID _____

Received By _____

Date _____ Time _____

Patient Identification

Patient Name _____

H.N. _____ Age _____ Gender ☐ Male ☐ Female

OPD / Ward _____ Tel. _____

For Other Hospital / Company Use Only

Name _____

Tel. _____

Fax. _____

Clinical Information (Analytical process CANNOT be completed without adequate patient identification, clinical information and specimen type)

Clinical Diagnosis / Indication

Dr. _____

Tel. _____

E-mail _____

Genetic disorders (Prenatal and Postnatal genetic analysis) *For PND cases, please fill-in the details below.

Collection date_____ Amount _____ GA by Date _____ GA by U/S _____

PARA _____ Nature _____ LMP _____

Laboratory Test	Anticoagulant		รหัสบริการคณะฯตามชนิดสิ่งส่งตรวจ		
	Heparin	EDTA	AF	CV	CB
Prenatal chromosome analysis			300001	300002	300006
Genetic disorders chromosome	Heparin ✓	EDTA	PB 300005	CB 300006	HB 300007
	Heparin	EDTA	PB	CB	Other
Slide preparation and karyotyping					300169
Cell maintenance and karyotyping					300170
Cell culture					300141
VCFS/DiGeorge/CATCH22 (FISH analysis)	✓		300047	300048	300050
Williams syndrome (FISH analysis)	✓		300069	300071	300072
Prader-Willi syndrome (FISH analysis) (2 probes)	✓		300088	300090	300091
Trisomy 18 by FISH	✓	✓	300219	300220	300221
Trisomy 21 by FISH	✓	✓	300024	300028	300029
Sex chromosome by FISH	✓	✓	300018	300022	300023
N-myc amplification by FISH	✓	✓	300055		300058
RB1 gene by FISH	✓	✓	300062		300064
SRY gene by FISH	✓	✓	300267	300268	300269
Aneuploidies 13, 18, 21, X and Y chromosome by FISH	✓	✓	300224	300225	300226

Laboratory Test	Anticoagulant		รหัสบริการคณะฯตามชนิดสิ่งส่งตรวจ		
	Heparin	EDTA	Breast	Stomach	Other
HER-2/neu gene by FISH + Unstain slide (ไม่อ่าน)			300122 +11844	300123 +11844	300124 +11844
	Heparin	EDTA	PB		Other
DNA extraction		✓			300146
Fragile X syndrome		✓	300077		
BRCA1 screening by		✓	300242		300243
BRCA2 screening by		✓	300244		300245
BRCA1 and *BRCA2* screening by MLPA		✓	300246		300247
RB1 deletion/ duplication by MLPA		✓	300263		300264
Mitochondrial disease screening by MLPA		✓	300265		300266
Prader-Willi/Angelman syndrome by MS-MLPA		✓	300275		300276
Duchenne muscular dystrophy by MLPA		✓	300240		300241
Spinal muscular atrophy screening by MLPA		✓	300294		300295
Postnatal Chromosomal Microarray		✓	300252		300253
Trio Chromosomal Microarray		✓	300254		300255

Laboratory Test	EDTA	AF	CV	CB	HB	PB	POC	Other
Prenatal Chromosomal Microarray	✓	300248	300250	300249				300251
Rapid detection of aneuploidies 13, 18, 21, X, Y and 9 Microdeletion by **BoBs**	✓	300153	300154	300155	300179	300180	300181	300156
Rapid aneuploidy screening in all 24 chromosomes by **BoBs**	✓	300157	300158	300159	300182	300183	300160	300161
Rapid detection of 24 chromosomal abnormalities and 9 microdeletion syndromes by **BoBs**	✓	300164	300165	300166	300184	300185	300167	300168
Rapid detection of aneuploidies 13, 18, 21, X and Y by **QF-PCR**	✓	300188	300189	300190	300191	300192	300193	300194

Human Genetic Requisition Form

รายละเอียดการทดสอบ ห้องปฏิบัติการมนุษย์พันธุศาสตร์

Patient Identification

Patient Name _____

H.N. _____ Age _____ Gender ☐ Male ☐ Female

OPD / Ward _____ Tel. _____

For Laboratory Use Only

Lab No. / TID _____

Received By _____

Date _____ Time _____

Hematologic malignancy Tests

☐ New diagnosis ☐ Follow up

☐ Remission ☐ Relapse

WBC _____cells, Neu _____%,

Lym _____%, Blast _____%

PCs _____%

Clinical Diagnosis

(Collection Date _____ Time _____)

Last date of chemotherapy _____

Pre BMT / SCT

☐ Donor ☐ Recipient

Post BMT / SCT

☐ Autologous ☐ Male donor ☐ Female donor

Requisition status

☐ Preliminary ☐ Urgent

Laboratory Test	Anticoagulant		รหัสบริการคณะฯตามชนิดสิ่งส่งตรวจ		
	Heparin	EDTA	BM	PB	Other
☐ Leukemia chromosome analysis	✓		300009	300010	
ALL ☐ Multiplex RT-PCR for *BCR/ABL* p190, *TEL/AML1*, *E2A/PBX1*, *MLL/AF4* in ALL and CML		✓	300174	300173	
☐ *TEL/AML* Fusion gene by FISH	✓	✓	300074	300073	300076
☐ Detection of *MLL* by FISH	✓	✓	300256	300257	300258
☐ *IKAROS (IKZF1)* and Common genetic alterations		✓	300238	300237	300239
AML ☐ *FLT3* Gene mutation in AML		✓	300148	300147	
☐ Rapid *FLT3* Gene mutation for newly diagnosed AML		✓	300279	300280	
☐ *NPM1* Gene mutation in AML		✓	300150	300149	
☐ *CEBPA* Gene mutation in AML by direct sequencing		✓	300178	300177	
☐ *PML/RARA* Fusion gene by FISH	✓	✓	300060	300059	300061
☐ Multiplex RT-PCR for *AML1/ETO*, *CBFB/MYH11*, *PML/RARA* in AML		✓	300152	300151	
☐ *PML/RARA* Fusion gene by RT-PCR [bcr1 and bcr3]		✓	300187	300186	
CML ☐ *BCR/ABL* p210 by RQ-PCR		✓	300086	300087	
☐ *BCR/ABL* p190 by quantitative PCR		✓	300273	300274	
☐ Fusion gene for *BCR/ABL* by RT-PCR		✓	300003	300004	
☐ *BCR/ABL* Mutation detection by direct sequencing (Please select ☐ p190 ☐ p210)		✓	300130	300129	
☐ *BCR/ABL* Fusion gene by FISH	✓	✓	300040	300041	300042
MM ☐ Multiple myeloma by FISH [del (17) and t(4;14)]		✓	300171		
☐ Multiple myeloma by FISH [del (13), del (17), t(4;14) and t(14;16)]		✓	300172		
☐ Multiple myeloma by FISH [8 probes]		✓	300227		300229
☐ IgH clone/MRD MM by NGS (please specify the ☐ Diagnostic ☐ Induction therapy ☐ Initial therapy ☐ Transplant consolidation ☐ Maintenance ☐ Relapse ☐ Supportive care ☐ Other.....)		✓	300277 + 11866	300278 + 11866	
MPNs ☐ *JAK2* V617F Mutation by AS-PCR		✓	300126	300125	
☐ *CALR* (Exon 9) Mutation analysis		✓	300223	300222	
☐ JAK2, MPL, CALR and KIT mutations in MPNs		✓	300318	300319	
☐ FISH for *FIPL1-PDGFRA* fusion	✓	✓	300230	300231	300232
CLL ☐ CLL panel by FISH	✓	✓	300271	300270	300272
☐ Deletion of 6q23 by FISH	✓	✓	300285	300284	
☐ ATM gene by FISH	✓	✓	300287	300286	
☐ Trisomy 12 by FISH	✓	✓	300289	300288	
☐ Deletion of 13q14 by FISH	✓	✓	300291	300290	
☐ TP53 by FISH	✓	✓	300293	300292	
☐ Sex chromosome by FISH	✓	✓	300020	300018	300023
☐ Screening of 28 chromosome translocations in leukemia by RT-qPCR		✓	300262	300261	
☐ DNA Fingerprint		✓	300014	300013	300017
☐ MYD88 L265P mutation by AS-PCR		✓	300281	300282	300283