



Laboratory Request Form

Department of Microbiology, King Chulalongkorn Memorial Hospital

1873 Rama IV Rd., Pathumwan District, Bangkok 10330, Thailand Tel. 0-2256-4132 Fax 0-2252-5952

Bacteriology

Name..... Sex ☐ M ☐ F Age.....yrs. Clinic/Ward.....

HIS Lab No.

HN..... AN..... Requested by / Code..... Diagnosis.....

MB.....

SPECIMEN : Must be filled in completely : Collection Date Time By

Blood ☐ Clotted ☐ serum ☐ EDTA ☐ Heparin ☐ Hemoculture ระบุ ☐ Central ☐ Peripheral Body fluid ☐ Ascitic fluid ☐ Pericardial fluid ☐ Bile ☐ Peritoneal dialysate ☐ Bone marrow ☐ Pleural fluid ☐ CSF ☐ Synovial fluid Eye ☐ Aqueous fluid ☐ Conjunctival swab ☐ Corneal scraping ☐ Vitreous fluid	Gastrointestinal tract ☐ Stool ☐ Rectal swab ☐ Gastric content Genitourinary tract ☐ Cervical swab ☐ Vaginal swab ☐ Urethral swab Upper respiratory tract ☐ Nasal swab ☐ Sinus washing/discharge ☐ Nasopharyngeal swab ☐ Throat swab Lower respiratory tract ☐ Bronchoalveolar brushing/washing/lavage (BAL) ☐ Endotracheal aspirate (ETA) ☐ Sputum	Tissue ☐ Aspirate ☐ Autopsy ☐ Biopsy Specify site (ระบุ) Urinary tract ☐ Mid-stream Urine ☐ Suprapubic aspirate Miscellaneous ☐ Water ☐ Isolated bacteria ☐ Skin ☐ Tip, catheter ☐ Milk ☐ Wound/Abscess/Discharge Specify site (ระบุ) ☐ Others (ระบุ)
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Direct Examination	Mycobacterium
☐ MB015 Gram stain ☐ MB004 AFB stain ☐ MB026 Modified AFB stain ☐ MB061 Dark-field examination ☐ MB027 Giemsa stain (<i>Chlamydia trachomatis</i> inclusion bodies; only corneal scraping)	☐ MB002 <i>Mycobacterium</i> culture and AST ¹ (Automate: I,R,S,E) ☐ MB029 <i>Mycobacterium</i> culture: Blood, body fluid ☐ MB072 MTBC ⁶ : AST (Automate: I,R,S,E) ☐ MB074 MTBC : AST (Automate: Z) ☐ MB073 MTBC : AST 2 nd line (MIC Plate, 12 drugs) ☐ MB066 Rapid growing NTM ⁵ : AST (MIC Plate) ☐ MB075 Slow growing NTM : AST (MIC Plate) ☐ MB068 Identification of <i>Mycobacterium</i> species (Line probe assay) ³ ☐ MB071 <i>Mycobacterium</i> identification by base sequencing ☐ MB067 Multiplex PCR for <i>Mycobacterium</i> identification ⁴ ☐ MB076 MTBC : Identification and genotypic AST for I and R (Line probe assay) ☐ MB077 MTBC : Genotypic AST 2 nd line (Line probe assay) ☐ MB020 PCR for MTBC ☐ MI183 QuantiFERON-TB Gold**
Culture	Legionella
☐ MB001 Aerobic culture with AST ¹ (except blood) ☐ MB005 Anaerobic culture ☐ MB059 Blood culture, aerobe ☐ MB060 Blood culture, anaerobe ☐ MB006 <i>Bordetella pertussis</i> culture ² ☐ MB007 <i>Campylobacter</i> culture ☐ MB014 <i>Corynebacterium diphtheriae</i> culture ² ☐ MB018 MIC : agent (s) ²	☐ MB041 <i>Legionella</i> culture ² ☐ MB050 <i>Legionella</i> culture from water ² ☐ MB039 <i>Legionella</i> IgG Ab (IFA) ☐ MB040 <i>Legionella</i> IgM Ab (IFA)
Mycoplasma	Leptospira
☐ MB019 <i>Mycoplasma pneumoniae</i> culture ☐ MB032 PCR for <i>Mycoplasma pneumoniae</i> ☐ MI053 <i>M. pneumoniae</i> Ab titer ☐ MI100 <i>M. pneumoniae</i> Ab : IgG (Qualitative) ☐ MI101 <i>M. pneumoniae</i> Ab : IgM (Qualitative)	☐ MB017 <i>Leptospira</i> culture ² ☐ MB069 PCR for <i>Leptospira</i> spp. ☐ MI099 <i>Leptospira</i> Ab : IgM
Helicobacter	Typhus
☐ MB016 <i>Helicobacter</i> culture ☐ MI075 <i>H. pylori</i> Ab	☐ MI133 Murine typhus Ab : IgG ☐ MI134 Murine typhus Ab : IgM ☐ MI076 Scrub typhus Ab : IgG ☐ MI077 Scrub typhus Ab : IgM ☐ MI058 Weil-Felix test ☐ MB070 PCR for <i>Orientia tsutsugamushi</i> (scrub typhus)
Chlamydia/Chlamydophila	Others
☐ MB008 <i>C. trachomatis</i> culture ☐ MB010 <i>C. pneumoniae</i> IgG (MIF) ☐ MB011 <i>C. pneumoniae</i> IgM (MIF) ☐ MB036 <i>C. psittaci</i> IgG (MIF) ☐ MB037 <i>C. psittaci</i> IgM (MIF) ☐ MB034 <i>C. trachomatis</i> IgG (MIF) ☐ MB035 <i>C. trachomatis</i> IgM (MIF) ☐ MB012 <i>Chlamydia/Chlamydophila</i> IgA for species ☐ MB045 PCR for <i>C. pneumoniae</i> ☐ MB038 PCR for <i>C. trachomatis</i>	☐ MB065 Bacterial identification by base sequencing ☐ MB013 <i>Clostridium difficile</i> toxin A&B ☐ MB052 Colony count (Membrane filter method) ☐ MB051 Colony count (Spread plate method) ☐ MB062 Quantitative culture (BAL/ETA) ☐ MB022 Special identification of bacteria

1 - AST = Antimicrobial Susceptibility Test 2 - กรุณาติดต่อห้องปฏิบัติการทุกครั้งก่อนส่งตรวจ 3 - ตัวอย่าง : isolated organism
 4 - ตัวอย่าง : AFB-positive specimen 5 - NTM = Non-tuberculous mycobacteria 6 MTBC = *Mycobacterium tuberculosis* complex
 คำแนะนำในการเก็บตัวอย่างส่งตรวจ -- กรุณาดูรายละเอียดในคู่มือสิ่งส่งตรวจ -- ** QuantiFERON-TB Gold ใช้เลือด Heparinized Blood 3-5 ml 2 หลอด



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Mycology

Name..... Sex ☐ M ☐ F Age.....yrs. Clinic/Ward.....
HN..... AN..... Requested by / Code..... Diagnosis.....

HIS Lab No.
MF.....

SPECIMEN : Must be filled in completely : Collection Date Time By

Blood ☐ Clotted ☐ Serum ☐ EDTA ☐ Plasma ☐ Hemoculture ระบุ ☐ Central ☐ Peripheral Body fluid ☐ Ascitic fluid ☐ Pericardial fluid ☐ Bile ☐ Peritoneal dialysate ☐ Bone marrow ☐ Pleural fluid ☐ CSF ☐ Synovial fluid Eye ☐ Aqueous fluid ☐ Vitreous fluid ☐ Corneal scraping ☐ Conjunctival swab	Gastrointestinal tract ☐ Stool ☐ Rectal swab ☐ Gastric content Genitourinary tract ☐ Cervical swab ☐ Vaginal swab Upper respiratory tract ☐ Nasal swab ☐ Nasopharyngeal swab ☐ Sinus washing/discharge ☐ Throat swab Lower respiratory tract ☐ Bronchoalveolar brushing/washing/lavage (BAL) ☐ Endotracheal aspirate (ETA) ☐ Sputum	Tissue ☐ Aspirate ☐ Autopsy ☐ Biopsy Specify site (ระบุ) Urinary tract ☐ Mid-stream Urine ☐ Suprapubic aspirate Miscellaneous ☐ Hair ☐ Isolated bacteria ☐ Isolated fungus ☐ Skin ☐ Nail ☐ Tip, catheter ☐ Water ☐ Wound/Abscess/Discharge Specify site (ระบุ) ☐ Others (ระบุ)
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Direct Examination	Susceptibility Test
☐ MF013 Gomori's methenamine silver nitrate (GMS) stain ☐ MF005 India ink preparation ☐ MF006 KOH preparation ☐ MF010 Wright stain for fungus	☐ MF016 Etest : Amphotericin B ² ☐ MF019 Etest : Ketoconazole ² ☐ MF017 Etest : Caspofungin ² ☐ MF030 Etest : Posaconazole ² ☐ MF018 Etest : Fluconazole ² ☐ MF021 Etest : Voriconazole ² ☐ MF020 Etest : Itraconazole ²
Culture	Others
☐ MF022 Blood culture for fungus (Automated) ☐ MF003 Fungus culture	☐ MF014 Mold identification (Conventional) ² ☐ MF015 Yeast identification ² ☐ MF027 PCR for fungus detection ² ☐ MF028 PCR for fungus identification ² ☐ MF029 (1→3)-β-D-Glucan assay ²
Serology	
☐ MF026 <i>Aspergillus</i> galactomannan antigen (EIA) ☐ MF001 <i>Cryptococcus</i> antigen (LA) ☐ MF031 <i>Pythium insidiosum</i> Ab ²	



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IMMUNOLOGY

Others Infectious Ag/Ab
☐ MI098 Anti-DNase B ☐ MI054 ASO ☐ MI061 Bacterial antigens [<i>Streptococcus</i> group B, <i>E.coli</i> K1, <i>H.influenzae</i> type B, <i>S.pneumoniae</i> , <i>N.meningitidis</i>] ☐ MI052 Cold agglutinin ☐ MI060 Melioid Ab ☐ MI057 Widal test ☐ MI199 Anti-tetanus

2 - กรุณาติดต่อกับห้องปฏิบัติการทุกครั้งก่อนส่งตรวจ คำแนะนำในการเก็บตัวอย่างส่งตรวจ -- กรุณาดูรายละเอียดในคู่มือส่งตรวจ --



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VIROLOGY

Name..... Sex ☐ M ☐ F Age.....yrs. Clinic/Ward.....

HIS Lab No.

HN..... AN..... Requested by / Code..... Diagnosis.....

MV.....

SPECIMEN : Must be filled in completely : Collection Date Time By Antiviral treatment ☐ Yes (ระบุ).....☐ No

Blood ☐ Clotted ☐ 1st serum ☐ 2nd serum
☐ EDTA ☐ Heparin

☐ Bone marrow

☐ CSF

Eye ☐ Conjunctival swab ☐ Vitreous fluid
☐ Corneal scraping ☐ Tear

Respiratory tract

☐ Nasopharyngeal aspirate ☐ Nasopharyngeal swab
☐ Endotracheal aspirate ☐ Nasal swab
☐ Bronchoalveolar lavage (BAL) ☐ Throat swab

Skin lesions

☐ Skin scraping/swab ☐ Vesicle fluid

Genitourinary tract

☐ Cervical swab ☐ Vaginal swab

☐ Urine

Gastrointestinal tract

☐ Stool ☐ Rectal swab ☐ Gastric content
☐ Other.....(ระบุ)

VIROLOGY

Adenovirus

☐ MV059 Adenovirus Ag (Rapid)
☐ MV063 Adenovirus isolation*
☐ MV100 Adenovirus viral load

BK polyomavirus

☐ MV084 BK polyomavirus viral load

Cytomegalovirus (CMV)

☐ MV001 CMV-IgG
☐ MV002 CMV-IgM
☐ MV018 CMV-infected cell Ag*
☐ MV041 CMV-viral load
☐ MV042 CMV-DNA (qualitative)
☐ MV094 QuantiFERON-CMV

Dengue virus

☐ MV079 Dengue IgG/IgM/NS1 (Rapid)
☐ MV004 Dengue IgG/IgM (Rapid)
☐ MV068 Dengue IgG (ELISA)
☐ MV092 Dengue IgM (ELISA)
☐ MV080 Dengue-RNA (qualitative)

Epstein-Barr virus (EBV)

☐ MV005 EBV-IgG
☐ MV006 EBV-IgM
☐ MV029 EBV-IgA
☐ MV051 EBV(EBNA)-IgG
☐ MV066 EBV-viral load

Hepatitis B virus

☐ MV037 HBV-viral load

Hepatitis C virus

☐ MV038 HCV-RNA (qualitative)
☐ MV039 HCV-viral load
☐ MV065 HCV genotype (Linear array)

Hepatitis E virus

☐ MV101 Hepatitis E virus (RT-PCR)

Herpes simplex virus (HSV)

☐ MV007 HSV-IgG ☐ MV008 HSV-IgM
☐ MV017 HSV-infected cell Ag
☐ MV020 HSV isolation*
☐ MV052 HSV-DNA (qualitative)
☐ MV102 Tzanck smear

Human papilloma virus (HPV)

☐ MV055 HPV-16/18 & high risk types

Human immunodeficiency virus (HIV)

☐ MV034 HIV-DNA (qualitative)
☐ MV035 HIV-viral load
☐ MV098 Antiretroviral resistance analysis (RT & Protease)

Influenza virus

☐ MV093 Influenza A,B,RSV Ag (Rapid)
☐ MV081 Influenza A/B/RSV (RT-PCR)
☐ MV061 Influenza (A,B) isolation*
☐ MV064 Influenza A (H5N1)*
☐ MV088 Influenza A (H7N9)*

JC polyomavirus

☐ MV099 JC polyomavirus viral load

Measles virus

☐ MV032 Measles-IgG ☐ MV033 Measles-IgM

MERS - Coronavirus

☐ MV085 MERS-CoV (RT-PCR)*
☐ MV086 MERS-CoV & Respiratory virus 19 subtypes*
☐ MV087 MERS-CoV & Influenza A/B/RSV(RT-PCR)*

Mumps virus

☐ MV070 Mumps-IgG ☐ MV071 Mumps-IgM

Norovirus

☐ MV096 Norovirus Ag (Rapid)
☐ MV103 Norovirus (RT-PCR)

Parainfluenza virus

☐ MV058 Parainfluenza 1, 2, 3 Ag
☐ MV062 Parainfluenza 1,2,3 isolation*

Parvovirus

☐ MV025 Parvo B19 IgG ☐ MV026 Parvo B19 IgM

Respiratory syncytial virus (RSV)

☐ MV093 Influenza A,B,RSV Ag (Rapid)
☐ MV053 RSV isolation*

Rotavirus

☐ MV016 Rotavirus Ag (Rapid)

Rubella virus

☐ MV010 Rubella-IgG ☐ MV011 Rubella-IgM

Varicella-zoster virus (VZV)

☐ MV030 VZV-IgG ☐ MV031 VZV-IgM
☐ MV069 VZV-DNA (qualitative)
☐ MV072 VZV-infected cell Ag
☐ MV102 Tzanck smear

Zika virus

☐ MV089 Zika virus (RT-PCR)
☐ MV090 Zika virus-IgG ☐ MV091 Zika virus-IgM

Multiple viruses

☐ MV078 Rotavirus and Enteric adenovirus (Rapid)
☐ MV081 Influenza A/B/RSV (RT-PCR)
☐ MV095 Multiplex mosquito borne viruses [Dengue virus type 1-4, Zika virus, and Chikungunya virus]
☐ MV012 TORCH-IgG [Rubella, CMV, HSV]
☐ MV013 TORCH-IgM [Rubella, CMV, HSV]
☐ MV083 Herpesvirus 1-8 and Enterovirus (Microarray) [HSV-1,2, VZV, EBV, CMV, HHV-6,7,8, and Enterovirus]
☐ MV056 Respiratory virus Ag (Panel 7 types) [Influenza A,B; Parainfluenza 1,2,3; Adenovirus; RSV]
☐ MV060 Respiratory virus isolation (Panel 7 types)* [Influenza A, B; Parainfluenza 1,2,3; Adenovirus; RSV]
☐ MV082 Respiratory virus 19 subtypes (Microarray) [Adenovirus; Bocavirus; Coronavirus 229E, HKU1, NL63, OC43; hMPV; Influenza A (H1, H3, H1N12009); Influenza B; Parainfluenza 1, 2, 3, 4; RSV A, B; Enterovirus/Rhinovirus]
☐ MV097 Gastroenteritis panel (Microarray)

คำแนะนำในการเก็บตัวอย่างส่งตรวจ -- กรุณาดูรายละเอียดในคู่มือสิ่งส่งตรวจ --

*กรุณาติดต่อกับนักปฏิบัติการทุกครั้งก่อนส่งตรวจ

รายการตรวจอื่นๆ โปรดคลิก ➔



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IMMUNOLOGY

Name..... Sex ☐ M ☐ F Age.....yrs. Clinic/Ward.....		HIS Lab No.	
HN..... AN..... Requested by / Code.....		Diagnosis.....	
SPECIMEN : Must be filled in completely : Collection Date Time By Antiviral treatment ☐ Yes (ระบุ)..... ☐ No			
Blood ☐ Clotted ☐ EDTA ☐ Heparin ☐ Serum		Urine ☐ Urine 24 Hrs	
Body fluid (ระบุ)			
รายการด่วน		HIV Serology	
☐ MI106 Anti HBc (ด่วน)		☐ MI034 Anti HIV	
☐ MI105 Anti HBs (ด่วน)		☐ MI036 HIV p24 antigen	
☐ MI109 Anti HCV (ด่วน)		Hepatitis B virus Serology	
☐ MI035 Anti HIV (ด่วน)		☐ MI037 HBe Ag ☐ MI040 Anti HBs	
☐ MI104 HBs Ag (ด่วน)		☐ MI038 HBs Ag ☐ MI041 Anti HBe	
☐ MI161 Treponemal Ab (ด่วน)		☐ MI039 Anti HBc ☐ MI042 Anti HBc IgM	
Syphilis Serology		☐ MI151 HBs Ag quantitative	
☐ MI049 FTA-ABS:IgG ☐ MI047 TPHA(TP-PA)		Hepatitis C virus Serology	
☐ MI050 FTA-ABS:IgM ☐ MI046 VDRL/RPR		☐ MI045 Anti HCV	
☐ MI048 FTA (CSF)		Hepatitis A virus Serology	
☐ MI160 Treponemal Ab		☐ MI043 Anti HAV IgM	
Tumor Marker		☐ MI044 Anti HAV (Total Ig)	
☐ MI016 Alpha-fetoprotein		Hepatitis E virus Serology	
☐ MI017 β 2-microglobulin		☐ MI163 Anti HEV IgG ☐ MI164 Anti HEV IgM	
☐ MI015 CA19-9 ☐ MI208 PIVKA-II		Acute phase protein	
☐ MI178 Amniotic AFP		☐ MI051 CRP ☐ MI062 Cryoglobulin*	
Complement		☐ MI110 CRP (High sensitivity)	
☐ MI013 C3 *** ☐ MI012 CH50 ***		Specific HLA	
☐ MI014 C4 ***		☐ MI149 HLA-B*1502 ☐ MI091 HLA-B27	
Autoantibody		☐ MI144 HLA-B*5701 ☐ MI162 HLA-B51	
☐ MI018 Antinuclear Ab (IF)		☐ MI145 HLA-B*5801	
☐ MI019 Anti-ds DNA (EIA)		Alzheimer	
☐ MI209 Anti-ds DNA (IF)		☐ MI188 hTAU Ag ☐ MI189 β -Amyloid ₍₁₋₄₂₎	
☐ MI021 Anti RNP		☐ MI190 Phospho-TAU _(181P)	
☐ MI022 Anti Sm		Allergy	
☐ MI023 Anti SS-A		☐ MI130 Tryptase	
☐ MI024 Anti SS-B		Specific IgE to (FEIA)	
☐ MI026 Rheumatoid factor		☐ MI154 Amoxilloyl (c6)	
☐ MI027 Antithyroglobulin		☐ MI155 Penicilloyl G (c1)	
☐ MI028 Antithyroid peroxidase		☐ MI120 House dust mite (d1-Dp)	
☐ MI202 Thyroglobulin		☐ MI121 House dust mite (d2-Df)	
☐ MI203 TG Wash		☐ MI122 Cat epithelium and dander (e1)	
☐ MI029 Anticardiolipin : IgG		☐ MI123 Dog dander (e5)	
☐ MI030 Anticardiolipin : IgM		☐ MI152 Crab (f23)	
☐ MI031 Anticardiolipin : IgA		☐ MI118 Egg white (f1)	
☐ MI032 Antimitochondria Ab		☐ MI179 Egg white panel [Egg white (f1), Ovalbumin (f232), Ovomucoid (f233)]	
☐ MI033 Antismooth muscle Ab		☐ MI187 Egg yolk (f75)	
☐ MI146 Anti CCP		☐ MI116 Fish (f3)	
☐ MI156 Anti β 2 glycoprotein I-IgG		☐ MI119 Milk (f2)	
☐ MI157 Anti β 2 glycoprotein I-IgM		☐ MI180 Milk panel [Milk (f2), Beta-lactoglobulin (f77), Casein (f78)]	
☐ MI186 Anti-PLA2R		☐ MI113 Peanut (f13)	
☐ MI184 Anti IFN-gamma		☐ MI210 Specific IgE to Allergen panel (IB) [House dust mite (d1-Dp), House dust mite (d2-Df), Cat epithelium and dander (e1), Crab (f23), Egg white (f1), Ovalbumin (f232), Ovomucoid (f233), Egg yolk (f75), Milk (f2), Peanut (f13), rAra h 2 Peanut (f423), rAra h 9 LTP Peanut (f427), Shrimp (f24), Wheat (f4), Gluten (f79)]	
☐ MI196 Anti-IL-17A			
☐ MI198 Anti-GM-CSF			
☐ MI182 ANCA (IFA : cANCA, pANCA, MPO, PR3, GBM)			
☐ MI176 Myositis profile 4 (IB) [Ro-52, OJ, EJ, PL-12, PL-7, SRP, Jo-1, PM-Scl75, PM-Scl100, Ku, SAE1, NXP2, MDA5, TIF1 γ , Mi-2 β , Mi-2 α]			
☐ MI132 ANA profile 1 (IB) [nRNP/Sm, Sm, SS-A, Ro-52, SS-B, Scl-70, Jo-1, CENP B, dsDNA, nucleosomes, histones, ribosomal P-protein]			
☐ MI177 ANA profile 5 (IB) [nRNP/Sm, Sm, RNP 70, RNPA, RNPC, SS-A, Ro-52, SS-B, Scl-70, PM-Scl, Jo-1, CENP B, PCNA, dsDNA, nucleosomes, histones, ribosomal P protein, AMA-M2]			

* Cryoglobulin เจาะเลือด 10 ml ห้ามแช่เย็น ใช้มือกำหลอดเลือดมาแล้วนำส่งทันที

*** ส่งตรวจ complement ส่งทันทีหรือเก็บตู้เย็นไม่เกิน 2 ชั่วโมง

รายการตรวจอื่นๆ โปรดคลิก →