

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.....

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

HIS Lab No.
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

Urinary tract

☐Urine: midstream, bag, indwelling catheter (e.g. Foley)

☐Urine: intermittent catheter, suprapubic aspiration

Upper respiratory tract

☐Nasal swab

☐Throat swab

☐Nasopharyngeal swab

☐Sinus washing/discharge

Lower respiratory tract

☐Bronchoalveolar brushing/washing/lavage (BAL)

☐Endotracheal aspirate (ETA)

☐Sputum

Genitourinary tract

☐Cervical swab

☐Vaginal swab

☐Urethral swab

Tissue

☐Aspirate

☐Autopsy

☐Biopsy

Specify site(ระบุ)

Miscellaneous

☐Water

☐Isolated bacteria

☐Skin

☐Tip, catheter

☐Milk

☐Wound/Abscess/Discharge

Specify site(ระบุ)

☐Others(ระบุ)

Direct Examination

☐MB015 Gram stain

☐MB004 AFB stain

☐MB026 Modified AFB stain

☐MB027 Giemsa stain (*Chlamydia*/ *Chlamydophila* inclusion bodies)

Culture

☐MB001 Aerobic culture with AST¹ (except blood)

☐MB005 Anaerobic culture

☐MB059 Blood culture, aerobe

☐MB060 Blood culture, anaerobe

☐MB006 *Bordetella pertussis* culture²

☐MB007 *Campylobacter* culture

☐MB014 *Corynebacterium diphtheriae* culture²

☐MB018 MIC : agent (s)

☐MB089 MIC : Colitin (Broth microdilution)

Mycoplasma

☐MB019 *Mycoplasma pneumoniae* culture

☐MB032 PCR for *Mycoplasma pneumoniae*

☐MI053 *M. pneumoniae* Ab titer

☐MI100 *M. pneumoniae* Ab : IgG (Qualitative)

☐MI101 *M. pneumoniae* Ab : IgM (Qualitative)

Helicobacter

☐MB016 *Helicobacter* culture

☐MI075 *H.pylori* Ab

☐MI246 *H.pylori* Ab in urine

Chlamydia/Chlamydophila

☐MB045 PCR for *C. pneumoniae*

Leptospira

☐MB017 *Leptospira* culture²

☐MB069 PCR for *Leptospira* spp.

☐MI236 *Leptospira* Ab : IgG/IgM

Clostridioides (Clostridium) difficile

☐MB013 *Clostridium difficile* toxins GDH Ag and toxin A&B

☐MB082 *Clostridioides (Clostridium) difficile* Toxin, Molecular Detection

Mycobacterium

☐MB002 Mycobacteria culture and AST¹ (MGIT SIRE)

☐MB029 *Mycobacterium* culture (Blood)

☐MB072 MTBC⁶: AST (MGIT SIRE)

☐MB074 MTBC : AST (MGIT PZA)

☐MB073 MTBC : AST (MIC 12 drugs)

☐MB066 Mycobacteria: AST for rapidly growing mycobacteria (MIC 15 drugs)

☐MB075 Mycobacteria: AST for slowly growing mycobacteria (MIC 13 drugs)

☐MB068 Mycobacteria: Identification of *Mycobacterium* species by Line probe assay³

☐MB076 MTBC: Identification and genotypic AST (*rpoB* , *katG* , *inhA*) by line probe assay

☐MB077 MTBC : 2nd line genotypic AST (*gyrA* , *gyrB* , *rrs* , *eis*) by line probe assay

☐MB083 MTBC and Rifampin resistance detection, Xpert MTB/RIF

☐MB090 MTBC: *pnc* A gene sequencing

☐MB091 MTBC: *pnc* B gene sequencing

☐MB087 โครงการ XDR MTB by global fund (เฉพาะ ID และ Chest เท่านั้น)

☐MB092 PCR and MTBC rifampicin and isoniazid resistance

☐MB093 PCR for MTBC/5 species NTM (*M. abscessus* , *M. massiliense* , *M. avium* , *M. intracellulare* , *M. kansasii*)

☐MI183 QuantiFERON-TB Gold**

Legionella

☐MB041 *Legionella* culture²

☐MB050 *Legionella* culture from water²

☐MB081 *Legionella pneumophila* antigen detection

Typhus

☐MB070 PCR for *Orientia tsutsugamushi* (scrub typhus)

☐MB088 PCR for *Rickettsia typhi* (murine typhus)

☐MI058 Weil-Felix test

☐MI133 Murine typhus Ab : IgG

☐MI076 Scrub typhus Ab : IgG

☐MI134 Murine typhus Ab : IgM

☐MI077 Scrub typhus Ab : IgM

Others

☐MB065 Bacterial identification by base sequencing

☐MB052 Colony count (Membrane filter method)

☐MB051 Colony count (Spread plate method)

☐MB062 Quantitative culture (BAL/ETA)

☐MB022 Special identification of bacteria

☐MB079 Multiplex real-time PCR for Sexually Transmitted Bacteria

☐MB080 *Streptococcus pneumoniae* antigen detection

☐MB085 Blood Culture Nucleic Acid Test (Film Array)

☐MB086 Sterility test

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 -- กรุณาดูรายละเอียดในคู่มือส่งตรวจ -- ** QuantiFERON-TB Gold ใช้เลือด Heparinized Blood 3-5 ml 2 หลอด

Version Update Nov 2025

รายการตรวจอื่นๆ โปรดคลิก ➔

Laboratory Request Form

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IMMUNOLOGY

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

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

HIS Lab No.

MI.....

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

Blood ☐Clotted ☐EDTA ☐Heparin ☐Citrate ☐Serum

Urine ☐Random Urine ☐Urine 24 Hrs

Body fluid (ระบุ)

รายการตรวจ	HIV Serology	Immunoglobulin
☐ MI106 Anti HBc (ด่วน)	☐ MI034 Anti HIV	☐ MI001 IgG ☐ MI006 IgG1
☐ MI105 Anti HBs (ด่วน)	Hepatitis B virus Serology	☐ MI002 IgM ☐ MI007 IgG2
☐ MI109 Anti HCV (ด่วน)	☐ MI038 HBs Ag ☐ MI037 HBe Ag	☐ MI003 IgA ☐ MI008 IgG3
☐ MI035 Anti HIV (ด่วน)	☐ MI040 Anti HBs ☐ MI041 Anti HBe	☐ MI004 Total IgE ☐ MI009 IgG4
☐ MI104 HBs Ag (ด่วน)	☐ MI039 Anti HBc ☐ MI042 Anti HBc IgM	☐ MI251 IgG subclass (IgG1, IgG2, IgG3, IgG4)
☐ MI161 Treponemal Ab (ด่วน)	☐ MI151 HBs Ag quantitative	☐ MI235 Free light (FLC) Kappa/Lambda
Syphilis Serology	Hepatitis C virus Serology	☐ MI011 Serum Protein Electrophoresis
☐ MI046 VDRL/RPR ☐ MI049 FTA-ABS:IgG	☐ MI045 Anti HCV ☐ MI215 HCV Ag	☐ MI131 Serum Immunofixation
☐ MI047 TPHA(TP-PA) ☐ MI050 FTA-ABS:IgM	Hepatitis A virus Serology	☐ MI158 Serum Immunotyping Electrophoresis
☐ MI160 Treponemal Ab ☐ MI048 FTA (CSF)	☐ MI043 Anti HAV IgM	☐ MI204 Urine Protein Electrophoresis
BK virus Serology	☐ MI044 Anti HAV (Total Ig)	☐ MI205 Urine Immunofixation
☐ MI253 Anti BK IgG (semi-quantitative)	Hepatitis E virus Serology	☐ MI206 Urine Immunotyping Electrophoresis
Tumor Marker	☐ MI163 Anti HEV IgG ☐ MI164 Anti HEV IgM	Lymphocyte subpopulation
☐ MI016 Alpha-fetoprotein	Acute phase protein	☐ MI088 CD3, CD4 counts
☐ MI017 β2-microglobulin	☐ MI051 CRP ☐ MI062 Cryoglobulin*	☐ MI234 CD8 count
☐ MI015 CA19-9 ☐ MI208 PIVKA-II	☐ MI110 CRP (High sensitivity)	☐ MI112 B cell count (CD19)
☐ MI213 CA72-4 ☐ MI214 CA72-4/CEA	Specific HLA	☐ MI111 NK cell count (CD56)
☐ MI178 Amniotic AFP	☐ MI149 HLA-B*1502 ☐ MI091 HLA-B27	รายการทดสอบที่ต้องติดต่อล่วงหน้า
Complement	☐ MI144 HLA-B*5701 ☐ MI162 HLA-B51	☐ MI080 HLA class II (DR,DQ) DNA typing
☐ MI013 C3 *** ☐ MI012 CH50 ***	☐ MI145 HLA-B*5801 ☐ MI248 HLA-B1301	☐ MI089 HLA class I (A,B) DNA typing
☐ MI014 C4 *** ☐ MI227 C1 inhibitor	☐ MI249 HLA-B*3505 ☐ MI254 HLA-DRB1*0602	☐ MI107 HLA-A DNA typing
Autoantibody	☐ MI250 HLA-B genotype for pharmacogenetic	☐ MI108 HLA-B DNA typing
☐ MI019 Anti-ds DNA (EIA)	Cytokine	☐ MI066 PHA stimulation
☐ MI209 Anti-ds DNA (IF)	☐ MI240 Cytoplex 13 cytokines [IL-1β, IFN-α2, IFN-γ, TNF-α, MCP-1, IL-6, IL-8, IL-10, IL-12p70, IL-17A, IL-18, IL-23, IL33	☐ MI137 DHR assay
☐ MI021 Anti RNP ☐ MI022 Anti Sm	Allergy	☐ MI200 B cell subpopulation test
☐ MI023 Anti SS-A ☐ MI024 Anti SS-B	☐ MI130 Tryptase	[Transitional B-cell, Plasmablast, Naïve Mature B cells,
☐ MI026 Rheumatoid factor	Specific IgE to (FEIA)	Natural effector cells, CD27+ Memory B cells]
☐ MI027 Antithyroglobulin	☐ MI154 Amoxilloyl (c6)	☐ MI201 T cell subpopulation test
☐ MI028 Antithyroid peroxidase	☐ MI155 Penicilloyl G (c1)	[Naïve T cells, Memory T cells, Effector T cells]
☐ MI202 Thyroglobulin	☐ MI120 House dust mite (d1-Dp)	
☐ MI203 TG Wash	☐ MI121 House dust mite (d2-Df)	
☐ MI029 Anticardiolipin : IgG	☐ MI122 Cat epithelium and dander (e1)	
☐ MI030 Anticardiolipin : IgM	☐ MI123 Dog dander (e5)	
☐ MI031 Anticardiolipin : IgA	☐ MI152 Crab (f23)	
☐ MI032 Antimitochondria Ab	☐ MI118 Egg white (f1)	
☐ MI033 Antismooth muscle Ab	☐ MI179 Egg white panel [Egg white (f1), Ovalbumin (f232), Ovomuroid (f233)]	
☐ MI146 Anti CCP	☐ MI187 Egg yolk (f75)	
☐ MI156 Anti β2 glycoprotein I-IgG	☐ MI116 Fish (f3)	
☐ MI157 Anti β2 glycoprotein I-IgM	☐ MI119 Milk (f2)	
☐ MI186 Anti-PLA2R	☐ MI180 Milk panel [Milk (f2), Beta-lactoglobulin (f77), Casein (f78)]	
☐ MI184 Anti IFN-gamma	☐ MI113 Peanut (f13)	
☐ MI230 ANCA (IFA: cANCA, pANCA)	☐ MI228 Peanut panel-1 (f13, f422, f423, f424)	
☐ MI231 Anti MPO	☐ MI229 Peanut panel-2 (f352, f427)	
☐ MI232 Anti PR3 ☐ MI233 Anti GBM	☐ MI210 Specific IgE to Allergen panel (IB) [House dust mite (d1-Dp), House dust mite (d2-Df), Cat epithelium and dander (e1), Crab (f23), Latex (u85), Egg white (f1), Ovalbumin (f232), Ovomuroid (f233), Casein (f78), Egg yolk (f75), Milk (f2), Peanut (f13), rAra h 2 Peanut (f423), rAra h 9 Peanut (f427), Shrimp (f24), Wheat (f4), Gluten (f79)]	
☐ MI219 CIC-C1q	☐ MI237 Specific IgE multiplex assay	
☐ MI220 Anti-BP180 ☐ MI221 Anti-BP230		
☐ MI222 Anti-Desmoglein 1		
☐ MI223 Anti-Desmoglein 3		
☐ MI242 Anti-tissue Transglutaminase IgG		
☐ MI243 Anti-tissue Transglutaminase IgM		
☐ MI244 Anti-gliadin IgG		
☐ MI244 Anti-gliadin IgA		
☐ MI252 Anti Nephryn (Anti-NPHN)		
☐ MI141 Liver profile [AMA-M1, LKM-1, LC-1, SLA/LP]		
☐ MI018 ANA : IFA (Screening)		
☐ MI132 Antinuclear Ab profile 1 (IB) [dsDNA, Nucleosomes, Histones, SS-A, Ro-52, SS-B, RNP/Sm, Sm, Mi-2α, Mi-2β, Ku, CENP A, CENP B, Sp100, PML, Scl-70, PM100, PM75, RP11, RP155, gp210, PCNA, DFS70]		
☐ MI177 Antinuclear Ab 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]		
☐ MI176 Myositis profile 4 (IB) [Ro-52, OJ, EJ, PL-12, PL-7, SRP, Jo-1, PM-Scl75, PM-Scl100, Ku, SAE1, NXP2, MDA5, TIF1γ, Mi-2β, Mi-2α, cN-1A, HMGCR]		

* Cryoglobulin เจาะเลือด 10 ml ห้ามแช่เย็น ใช้มือกำหลอดเลือดมาแล้วนำส่งทันที

*** ส่งตรวจ complement ส่งทันทีหรือเก็บตู้เย็นไม่เกิน 2 ชั่วโมง

Version Update Nov 2025

รายการตรวจอื่นๆ โปรดคลิก →



Laboratory Request Form

Department of Microbiology, King Chulalongkorn Memorial Hospital

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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 ☐ Urine ☐ Suprapubic aspirate Miscellaneous ☐ Isolated bacteria ☐ Hair ☐ Isolated fungus ☐ Skin ☐ Tip, catheter ☐ Nail ☐ 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 ☐ MF017 Etest : Caspofungin ² ☐ MF018 Etest : Fluconazole ² ☐ MF019 Etest : Ketoconazole ² ☐ MF020 Etest : Itraconazole ² ☐ MF021 Etest : Voriconazole ² ☐ MF030 Etest : Posaconazole ² ☐ MF032 Sensititre for fungal susceptibility panel ²
Culture	Others
☐ MF022 Blood culture for fungus (Automated) ☐ MF003 Fungus culture ☐ MF014 Mold identification (Conventional) ☐ MF015 Yeast identification	☐ MF027 Fungal PCR from clinical specimen ☐ MF028 Fungal PCR from pure culture ☐ MF029 (1→3)-β-D-Glucan assay
Serology	
☐ MF026 <i>Aspergillus</i> galactomannan antigen (EIA) ☐ MF001 <i>Cryptococcus</i> antigen (LA) ☐ MF033 <i>Cryptococcus</i> : antigen titer ☐ MF031 <i>Pythium insidiosum</i> Ab	



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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 ☐ MI216 Anti <i>Diphtheria</i> Toxoid IgG ☐ MI217 Anti <i>Bordetella pertussis</i> Toxin IgG ☐ MI218 Anti <i>Bordetella</i> FHA IgG

2 - กรุณาติดต่อกับนักปฏิบัติการทุกครั้งก่อนส่งตรวจ

คำแนะนำในการเก็บตัวอย่างส่งตรวจ -- กรุณาดูรายละเอียดในคู่มือส่งตรวจ --

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		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)	
Adenovirus		Enterovirus		JC polyomavirus	
☐ MV059 Adenovirus Ag (Rapid)		☐ MV135 Enterovirus, Enterovirus 71, Coxsackievirus A16 (Real time PCR)		☐ MV099 JC polyomavirus viral load	
☐ MV063 Adenovirus isolation*				Measles virus	
☐ MV100 Adenovirus viral load		Epstein-Barr virus (EBV)		☐ MV032 Measles-IgG ☐ MV033 Measles-IgM	
BK polyomavirus		☐ MV005 EBV-IgG ☐ MV051 EBV(EBNA)-IgG		MERS - Coronavirus	
☐ MV084 BK polyomavirus viral load		☐ MV006 EBV-IgM		☐ MV085 MERS-CoV (RT-PCR)*	
Chikungunya virus		☐ MV029 EBV-IgA		Monkeypox virus	
☐ MV104 Chikungunya IgM (ELISA)		☐ MV066 EBV-viral load		☐ MV127 Monkeypox virus (Real-time PCR)	
☐ MV105 Chikungunya IgG (ELISA)		Hepatitis B virus		Mumps virus	
☐ MV136 Chikungunya Virus (Real-Time PCR)		☐ MV037 HBV-viral load		☐ MV070 Mumps-IgG ☐ MV071 Mumps-IgM	
Coronavirus (CoV)		Hepatitis C virus		Norovirus	
☐ MV107 SARS-CoV-2		☐ MV038 HCV-RNA (qualitative)		☐ MV096 Norovirus Ag (Rapid)	
☐ MV111 SARS-CoV-2 (rRT-PCR)		☐ MV039 HCV-viral load		☐ MV103 Norovirus (RT-PCR)	
☐ MV120 SARS-CoV-2 (จุลชีววิทยา) (TAT 4 hrs.)		☐ MV065 HCV genotype (Linear array)		Parainfluenza virus	
☐ MV119 SARS-CoV-2 Ag (Rapid test)		Hepatitis E virus		☐ MV058 Parainfluenza 1,2,3 Ag	
☐ MV112 SARS-CoV-2 Viral load (rRT-PCR)		☐ MV101 Hepatitis E virus (RT-PCR)		☐ MV062 Parainfluenza 1,2,3 isolation*	
☐ MV122 SARS-CoV-2 and Respiratory pathogen 21 subtypes (Rapid PCR)		Herpes simplex virus (HSV)		Parvovirus	
☐ MV132 SARS-CoV-2 viral isolation*		☐ MV007 HSV-IgG ☐ MV008 HSV-IgM		☐ MV025 Parvo B19 IgG ☐ MV026 Parvo B19 IgM	
☐ MV133 SARS-CoV-2 isolation and Whole Genome Sequencing*		☐ MV017 HSV-infected cell Ag		Poliovirus	
☐ MV110 Anti-SARS-CoV-2 IgM/IgG (Rapid test)		☐ MV020 HSV isolation*		☐ MV129 Wild type poliovirus and the oral polio vaccine-derived stain by RT-PCR (WT/vaccine-derived strain differentiation assay)	
☐ MV125 Total Antibody to SARS-CoV-2 Spike (Quantitative)		☐ MV052 HSV-DNA (qualitative)		Respiratory syncytial virus (RSV)	
		☐ MV130 Human Herpes 6,7&8		☐ MV093 Influenza A,B,RSV Ag (Rapid)	
Cytomegalovirus (CMV)		☐ MV134 HSV resistant gene		☐ MV053 RSV isolation*	
☐ MV001 CMV-IgG ☐ MV002 CMV-IgM		☐ MV102 Tzanck smear		Rotavirus	
☐ MV018 CMV-infected cell Ag*		Human papilloma virus (HPV)		☐ MV016 Rotavirus Ag (Rapid)	
☐ MV041 CMV-viral load		☐ MV055 HPV-16/18 & high risk types		Rubella virus	
☐ MV042 CMV-DNA (qualitative)		Human immunodeficiency virus (HIV)		☐ MV010 Rubella-IgG ☐ MV011 Rubella-IgM	
☐ MV094 QuantiFERON-CMV		☐ MV034 HIV-DNA (qualitative)		Varicella-zoster virus (VZV)	
Dengue virus		☐ MV035 HIV-viral load		☐ MV030 VZV-IgG ☐ MV031 VZV-IgM	
☐ MV079 Dengue IgG/IgM/NS1 (Rapid)		Influenza virus		☐ MV069 VZV-DNA (qualitative)	
☐ MV068 Dengue IgG (ELISA)		☐ MV093 Influenza A,B,RSV Ag (Rapid)		☐ MV072 VZV-infected cell Ag ☐ MV102 Tzanck smear	
☐ MV092 Dengue IgM (ELISA)		☐ MV061 Influenza (A,B) isolation*		Zika virus	
☐ MV080 Dengue-RNA (qualitative)		☐ MV064 Avian and human Influenza A virus subtypes*		☐ MV089 Zika virus (RT-PCR)	
		☐ MV088 Influenza A (H7N9)*		☐ 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 Human Herpesvirus, Enterovirus, Adenovirus, Parechovirus and Parvovirus B19 (HHV-8 excluded) [HSV-1,2, VZV, EBV, CMV, HHV-6,7, Enterovirus, Adenovirus, Human parechovirus, Human Parvovirus B19]					
☐ 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]					
☐ MV106 Panel of respiratory pathogens [Influenza A virus, Influenza B virus, Influenza C virus,Influenza A(H1N1) virus (swine-lineage), Human coronaviruses NL63, 229E, OC43 and HKU1, Human metapneumoviruses A/B, Human rhinovirus, Human respiratory syncytial viruses A/B, Human adenovirus, Enterovirus, Human parechovirus, Human bocavirus, <i>Pneumocystis jirovecii</i> , <i>Mycoplasma pneumoniae</i> , <i>Chlamydomphila pneumoniae</i> , <i>Streptococcus pneumoniae</i> , <i>Haemophilus influenzae B</i> , <i>Staphylococcus aureus</i> , <i>Moraxella cotarrhalis</i> , <i>Bordetella</i> spp., <i>Klebsiella pneumoniae</i> , <i>Legionella pneumophila/longbeachae</i> , <i>Salmonella</i> spp., <i>Haemophilus influenzae</i>]					
☐ MV097 Gastroenteritis panel [Adenovirus (AdV), Astrovirus (AstV), Norovirus GI (NoV-GI), Norovirus GII (NoV-GII), Rotavirus (RotV), Sapovirus (SV)]					
☐ MV128 Monkeypox and other vesicular viruses panel					
คำแนะนำในการเก็บตัวอย่างส่งตรวจ -- กรุณาดูรายละเอียดในคู่มือสิ่งส่งตรวจ --				*กรุณาติดต่อห้องปฏิบัติการทุกครั้งก่อนส่งตรวจ	