Siriraj Microbiology Laboratory Request Form

Department of Microbiology, Faculty of Medicine Siriraj Hospital Tel. 97055

website: http://www.si.mahidol.ac.th/th/department/microbiology/LabManual/Index.html

SD-00-2/013-F01-03

ข้อมูลผู้ป่วย (กรุณากรอกให้ชัดเจนหรือติดฉลาก) Please fill in patient information clearly or place label here

NAME.................................... AGE.......... yr/..........mo Sex ☐ Male ☐ Female

HN.................. AN.................. SOURCE ○ OPD/Clinic.................. ○ IPD Ward..................

ข้อมูลสิ่งส่งตรวจ (กรุณากรอกให้ชัดเจน) Please fill in specimen type/information clearly

< ↻ >โปรดเลือกข้อมูลเพิ่ม <*> โปรดระบุตำแหน่งที่เก็บ และด้านขวา [R] ซ้าย [L] ถ้ามี

ชนิดที่ส่งบ่อย Common specimen types		ชนิดที่ส่งไม่บ่อย Less common specimen types	
☐ Blood ↻ [ ] Clotted [ ] EDTA ☐ Blood culture ↻* *Bottle No.......of......(total) [ ] Central [ ] Peripheral ☐ CSF ☐ Feces ☐ Pus* *Site....................[R][L]	☐ Sputum ☐ Swab ↻* *Site....................[R][L] ☐ Urine ↻ [ ] Midstream [ ] Indwl. catheter [ ] In/out catheter [ ] Other..............	☐ Aspirate ↻* *Site..............[R][L] ☐ Autopsy* *Site..............[R][L] ☐ Bone marrow ☐ Body fluid ↻* *Site..............[R][L] ☐ Respiratory secretion ↻* *Site..............[R][L]	☐ Scrape ↻* *Site..............[R][L] ☐ Tissue/biopsy *Site..............[R][L] ☐ Wash ↻ ☐ Lavage ↻* [ ] Broncho-alveolar [ ] Gastric [ ] Nasopharynx [ ] Other.............. *Site..............[R][L]

ชนิดอื่นๆ โปรดกรอกช่องด้านขวา Other type, fill Rt. Box ➡

ข้อมูลการส่งตรวจ (กรุณากรอกให้ชัดเจน) Please fill in ordering information

Physician: Name..................

ID........... Tel........... Signature...........

➡ สิ่งส่งตรวจชนิดอื่นๆ (other specimen)

Type..................

Site.................. [R][L]

เชื้อแบคทีเรีย, มัยโคแบคทีเรีย และรา (Bacteria, Mycobacteria and Fungi)

General Bacteria

- ☐ 201101 **Gram stain** <BA>
- ☐ 201102 **Modified acid-fast stain** <BA>
- ☐ 201201 **Culture (aerobic)**[A] <BA>
- ☐ 201215 **Culture (anaerobic)**[A,B] <BA>

Mycobacteria

- ☐ 202101 **Acid-fast stain** <MB>
- ☐ 202601 **Culture PROFILE 1**[C] <MB>
- ☐ 202602 **Culture PROFILE 2**[D] <MB>
- ☐ 202603 **Culture PROFILE 3**[E] <MB>
- ☐ 202502 **MTB: Direct PCR**[F] <MO>
- ☐ 202505 **MTB: PCR for R resistance**[F] <MO>
- ☐ 202701 **MTB: AST (1st line)** <MB>
- ☐ 202702 **MTB: AST (2nd line)** <MB>
- ☐ 202704 **MTB: AST (automate I,R,S,E)** <MB>
- ☐ 202705 **MTB: AST (automate Z)** <MB>
- ☐ 202708 **MTB: AST (MIC 12 drugs)**[G] <MB>
- ☐ 202506 **MTB: AST (Mol. for I, R)** <MB>
- ☐ 202504 **NTM: Direct PCR**[F] <MB>
- ☐ 202709 **NTM (rapid grower): AST**[G] <MB>
- ☐ 202707 **NTM (slow grower): AST**[G] <MB>

Special DNA/RNA detection panel

- ☐ 204581 **Meningitis panel**[J] <MO>
- ☐ 204584 **Rash panel**[J] <MO>
- ☐ 204585 **Gastroenteritis panel**[J] <MO>
- ☐ 204589 **Eye viruses panel**[J] <MO>
- ☐ 204582 **Encephalitis viruses panel**[J] <MO>
- ☐ 204580 **Respiratory viruses panel Set 1**[+] <MO>
- ☐ 204590 **Respiratory viruses panel Set 2**[▲] <MO>

Special Bacteria

- ☐ 201803 *Clostridium difficile*: **Toxin gene** <BA>
- ☐ 201301 *Chlamydia trachomatis*: **Ag** <VI>
- ☐ 201204 *C. trachomatis*: **Isolation** <VI>
- ☐ 201503 *C. trachomatis*: **DNA** <MO>
- ☐ 201516 *Chlamydophila pneumoniae*: **DNA** <MO>
- ☐ 201517 *C. pneumoniae*: **DNA quantitative** <MO>
- ☐ 201512 *E. coli* (enteroaggregative): **DNA** <MO>
- ☐ 201513 *E. coli* (enterohemorrhagic): **DNA** <MO>
- ☐ 201511 *E. coli* (enteroinvasive): **DNA** <MO>
- ☐ 201509 *E. coli* (enteropathogenic): **DNA** <MO>
- ☐ 201510 *E. coli* (enterotoxigenic): **DNA** <MO>
- ☐ 201223 *Helicobacter pylori*: **Culture** <BA>
- ☐ 201514 *Legionella pneumophila*: **DNA** <MO>
- ☐ 201303 *L. pneumophila*: **Ag in urine** <BA>
- ☐ 201506 *Leptospira* spp.: **DNA** <MO>
- ☐ 201405 *Mycoplasma pneumoniae*: **Ab** <SE>
- ☐ 201515 *M. pneumoniae*: **DNA quantitative** <MO>
- ☐ 201507 *Neisseria gonorrhoeae*: **DNA** <MO>
- ☐ 201508 *Rickettsia* spp.: **DNA** <MO>

Special Tests[J]

- ☐ 201501 **Bacteria: Mol. identification** <EM>
- ☐ 201502 **Bacteria: Mol. epidemiology** <EM>
- ☐ 203504 *Candida*: **Mol. identification** <MY>
- ☐ 203505 **Fungi: Mol. identification** <MY>
- ☐ 205806 **Sterility test** <EM>
- ☐ 204519 **Viruses: Mol. epidemiology** <MO>

Fungi

- ☐ 203102 **KOH preparation** <MY>
- ☐ 203103 **India ink preparation** <MY>
- ☐ 203104 **Gram stain** <MY>
- ☐ 203201 **Culture**[H] <MY>
- ☐ 203701 **AST (MIC for yeasts)**[G] <MY>
- ☐ 203702 **AST (MIC for molds)**[I] <MY>
- ☐ 203301 *Aspergillus*: **Galactomannan Ag** <MY>
- ☐ 203302 *Cryptococcus*: **Ag** <MY>
- ☐ 203303 *Cryptococcus*: **Ag titer** <MY>

Bacterial Antigen in CSF Only

- ☐ 201302 *Haemophilus influenzae* type b: **Ag** <BA>
- ☐ 201304 *Neisseria meningitidis* Gr. A: **Ag** <BA>
- ☐ 201305 *N. meningitidis* Gr. B/*E. coli* K1: **Ag** <BA>
- ☐ 201306 *N. meningitidis* Gr. C: **Ag** <BA>
- ☐ 201307 *N. meningitidis* Gr. Y/W: **Ag** <BA>
- ☐ 201308 *Streptococcus agalactiae*: **Ag** <BA>
- ☐ 201309 *Streptococcus pneumoniae*: **Ag** <BA>

Abbreviations: Ab = Antibody, Ag = Antigen, AST = Antimicrobial susceptibility testing, Mol. = Molecular-based method, MTB = *Mycobacterium tuberculosis* or *M. tuberculosis* complex, NTM = Non-tuberculous mycobacteria (rapid/slow growers), conv. = conventional, For MTB: I = Isoniazid, R = Rifampicin, S = Streptomycin, E = Ethambutol, Z = Pyrazinamide, MIC = minimum inhibitory concentration

Contact : **Specimen center:** 97055

Laboratory: <BA> 97372, <MB> 97062, <MY> 97063, <VI> 97064, <SE> 97066, <MO> 98969, <EM> 98433

Footnotes: [A] Include Gram stain, iden. and AST (if applicable), [B] Must also order test 201201: Culture (aerobic), [C] Include AFB, culture, conventional AST for MTB, [D] Include direct PCR, AFB, culture, automate AST for MTB, [E] Include direct PCR & AST genotype, AFB, culture, automate AST for MTB, [F] Not include culture , [G] Report as MIC for a set of drugs, [H] Identification only (no AST), [I] Report as MIC for 1 drug (please contact for drug available), [J] Please contact laboratory before ordering [+] Set 1: Include adenovirus, human metapneumovirus, enterovirus, RSV (type A, B), influenza viruses (A (H1, H1pdm09, H3) & B), parainfluenza viruses (type 1-4), coronavirus (OC43, 229E, NL63), human rhinovirus, human bocavirus, [▲] Set 2: Include Set 1 viruses and these bacteria: *Bordetella parapertussis, Bordetella pertussis, Chlamydophila pneumoniae, Haemophilus influenza, Legionella pneumophila, Mycoplasma pneumoniae, Streptococcus pneumoniae*

Special comments:..
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**For Viruses & *Toxoplasma* , see back page ➡➡➡

เชื้อไวรัส (Viruses) & *Toxoplasma*

A Adenovirus
- ☐ 204301 Antigen <VI>
- ☐ 204523 DNA detection <MO>
- ☐ 204567 Viral load <MO>

B BK virus
- ☐ 204524 BK DNA detection <MO>
- ☐ 204579 BK & JC DNA detection <MO>
- ☐ 204568 Viral load <MO>

C Chikungunya virus
- ☐ 204569 RNA detection <MO>
- ☐ 204570 Viral load <MO>

C Coxsakie virus (Cox)
- ☐ 204572 Cox Viral load <MO>
- ☐ 204573 Cox A16 Viral load <MO>
- ☐ 204574 Cox A24 Viral load <MO>

C Cytomegalovirus (CMV)
- ☐ 204204 Isolation <VI>
- ☐ 204302 Antigen <VI>
- ☐ 204404 Antibody IgG <SE>
- ☐ 204405 Antibody IgM <SE>
- ☐ 204502 DNA detection <MO>
- ☐ 204504 Viral load <MO>

D Dengue virus
- ☐ 204320 Antigen NS1 <SE>
- ☐ 204408 Antibody IgG & IgM <SE>
- ☐ 204505 RNA detection <MO>
- ☐ 204527 Viral load <MO>

E Enterovirus
- ☐ 204304 Antigen <VI>
- ☐ 204506 RNA detection <MO>
- ☐ 204544 Identification^J <MO>

E Enterovirus 71
- ☐ 204305 Antigen <VI>
- ☐ 204521 RNA detection <MO>
- ☐ 204548 Viral load <MO>

E Epstein-Barr virus (EBV)
- ☐ 204409 Antibody IgA <VI>
- ☐ 204444 Antibody IgA: Final titer <VI>
- ☐ 204410 Antibody IgG <VI>
- ☐ 204445 Antibody IgG: Final titer <VI>
- ☐ 204411 Antibody IgM <SE>
- ☐ 204507 DNA detection <MO>
- ☐ 204528 Viral load <MO>

H Hepatitis A virus (HAV)
- ☐ 204412 Anti-HAV IgG <SE>
- ☐ 204413 Anti-HAV IgM <SE>

H Hepatitis B virus (HBV)
- ☐ 204307 HBs Antigen <SE>
- ☐ 204414 Anti-HBs <SE>
- ☐ 204415 Anti-HBc <SE>
- ☐ 204416 Anti-HBc IgM <SE>
- ☐ 204306 HBe Antigen <SE>
- ☐ 204417 Anti-HBe <SE>
- ☐ 204323 HBs Antigen: Quantitative <SE>

H Hepatitis C virus (HCV)
- ☐ 204325 HCV Antigen^J <SE>
- ☐ 204418 Anti-HCV <SE>

H Hepatitis D virus (HDV)
- ☐ 204419 Anti-HDV <SE>

H Hepatitis E virus (HEV)
- ☐ 204441 Anti-HEV IgG <SE>
- ☐ 204442 Anti-HEV IgM <SE>

H Herpes simplex virus (HSV)
- ☐ 204101 Giemsa stain <VI>
- ☐ 204208 Isolation <VI>
- ☐ 204308 Antigen <VI>
- ☐ 204420 Antibody IgG <SE>
- ☐ 204421 Antibody IgM <SE>
- ☐ 204508 DNA detection <MO>
- ☐ 204583 Identification^J <MO>

H Human herpes virus (HHV)-6
- ☐ 204520 DNA detection <MO>

H Human immunodeficiency virus (HIV)-1
- ☐ 204309 p24 Antigen <SE>
- ☐ 204322 p24 Antigen: Neutralization <SE>
- ☐ 204423 Anti-HIV (ELISA) <SE>
- ☐ 204422 Anti-HIV (rapid test) <SE>
- ☐ 204424 Anti-HIV (Western blot)^J <SE>
- ☐ 204509 DNA/RNA detection <MO>
- ☐ 204510 Viral load <MO>
- ☐ 204511 Drug resistant genotype <MO>

H Human immunodeficiency virus (HIV)-2
- ☐ 204529 RNA detection <MO>

H Human metapneumovirus
- ☐ 204530 RNA detection <MO>
- ☐ 204575 Viral load <MO>

H Human papilloma virus (HPV)
- ☐ 204512 DNA detection <MO>
- ☐ 204513 Genotype <MO>

I Influenza A & B viruses
- ☐ 204310 Antigen (rapid test) <VI>

I Influenza A virus
- ☐ 204311 Antigen <VI>
- ☐ 204514 RNA detection <MO>
- ☐ 204588 (H1) RNA detection^J <MO>
- ☐ 204552 (H1) Viral load <MO>
- ☐ 204549 (H1) Resistant genotype$^{J, K}$ <MO>
- ☐ 204586 (H3) RNA detection^J <MO>
- ☐ 204587 (H3) Viral load^J <MO>
- ☐ 204550 (H3) Resistant genotype$^{J, K}$ <MO>
- ☐ 204202 (Avian) Isolation^J <VI>
- ☐ 204321 (Avian) Antigen (rapid test)^J <VI>
- ☐ 204501 (Avian) RNA detection^J <MO>

I Influenza B virus
- ☐ 204312 Antigen <VI>
- ☐ 204515 RNA detection <MO>

J Japan encephalitis (JE) virus
- ☐ 204516 RNA detection <MO>

J JC virus
- ☐ 204534 JC DNA detection <MO>
- ☐ 204579 BK & JC DNA detection <MO>
- ☐ 204535 Viral load <MO>

M Measles virus
- ☐ 204313 Antigen <VI>
- ☐ 204430 Antibody IgG <SE>
- ☐ 204431 Antibody IgM <SE>
- ☐ 204536 RNA detection <MO>
- ☐ 204553 Viral load <MO>

M Mumps virus
- ☐ 204432 Antibody IgG <SE>
- ☐ 204433 Antibody IgM <SE>
- ☐ 204537 RNA detection <MO>
- ☐ 204554 Viral load <MO>

P Parainfluenza virus
- ☐ 204314 Type 1 Antigen <VI>
- ☐ 204315 Type 2 Antigen <VI>
- ☐ 204316 Type 3 Antigen <VI>

P Parvovirus B19
- ☐ 204538 DNA detection <MO>
- ☐ 204539 Viral load <MO>

R Rabies virus
- ☐ 204517 RNA detection <MO>

R Rotavirus
- ☐ 204318 Antigen <VI>
- ☐ 204541 RNA detection <MO>
- ☐ 204555 Viral load <MO>

R Respiratory syncytial virus (RSV)
- ☐ 204317 Antigen <VI>

R Respiratory viruses
- ☐ 204602 X7: Antigen^L PROFILE <VI>

R Rubella virus
- ☐ 204435 Antibody IgG <SE>
- ☐ 204436 Antibody IgM <SE>
- ☐ 204540 RNA detection <MO>
- ☐ 204566 Viral load <MO>

T *Toxoplasma* / TORCH
- ☐ 204437 *Toxoplasma* : Antibody IgG <SE>
- ☐ 204438 *Toxoplasma* : Antibody IgM <SE>
- ☐ 204604 TORCH: Antibody IgG <SE>
- ☐ 204605 TORCH: Antibody IgM <SE>

V Varicella-zoster virus (VZV)
- ☐ 204102 Giemsa stain <VI>
- ☐ 204319 Antigen <VI>
- ☐ 204439 Antibody IgG <SE>
- ☐ 204440 Antibody IgM <SE>
- ☐ 204518 DNA detection <MO>

X Influenza A (H1, H1pdm09, H3) & B viruses-RSV panel
- ☐ 204578 X1: RNA detection^J <MO>

Z Zika virus
- ☐ 204591 RNA detection^J <MO>
- ☐ 204446 Antibody IgG <SE>
- ☐ 204447 Antibody IgM <SE>
- ☐ 204230 Isolation^J <VI>

Footnotes: ^{J} Please contact laboratory before ordering, ^{K} Oseltamivir only, ^{L} Include adenovirus, influenza viruses (A & B), parainfluenza viruses (type 1-3), RSV