

IDENTIFYING INFECTIONS

Syndromic Menu Ordering Reference Guide

Pediatrics



WHITE

Respiratory

Respiratory Tract Infection **RTI**

SPECIMEN TYPES: Nasopharyngeal/Nares, Oropharynx/Throat/Oral, Cough Sputum

COMMON SIGNS & SYMPTOMS: Upper or lower respiratory tract Infection, high-grade fever, acute cough, runny nose, pain in throat, wheezing, or nasal congestion.

Bacterial

Bordetella pertussis, paraptussis, bronchiseptica
Chlamydia pneumoniae
Mycoplasma pneumoniae

Viral

Adenovirus
Coronaviruses (229E, NL63, HKU1, OC43)
COVID-19 Coronavirus (SARS-CoV-2)
Enterovirus D68

Human metapneumovirus

Influenza virus A, B
Parainfluenza virus (types 1, 2, 3, 4)
Respiratory syncytial virus
Rhinovirus/Enterovirus

ADD-ONS: Panel codes include pathogens above and additional pathogens listed below. Order using only the code below; it includes the base panel and the additional pathogens listed.

RTIPROAO RTI – Persistent Haemophilus influenzae, Moraxella catarrhalis, Streptococcus pneumoniae

RTITHRAO SPECIMEN TYPE: Oropharynx/Throat/Oral ONLY

RTI – Atypical Pharyngitis Epstein-Barr Virus (Human Herpesvirus 4), Fusobacterium nucleatum, necrophorum, Streptococcus dysgalactiae (Group C/G Strep)

Pharyngitis **PHAR**

SPECIMEN TYPES: Oropharynx/Throat/Oral

COMMON SIGNS & SYMPTOMS: Pain in throat, fever, pharyngeal edema, patchy tonsillar exudates, and tender/swollen anterior cervical lymph nodes.

Bacterial

Chlamydia pneumoniae
Mycoplasma pneumoniae
Streptococcus pyogenes (Group A Strep)

Viral

Adenovirus
Coronaviruses (229E, NL63, HKU1, OC43)
COVID-19 Coronavirus (SARS-CoV-2)
Enterovirus D68
Human metapneumovirus

Influenza virus A, B

Parainfluenza virus (types 1, 2, 3, 4)
Respiratory syncytial virus
Rhinovirus/Enterovirus

ADD-ONS: Panel codes include pathogens above and additional pathogens listed below. Order using only the code below; it includes the base panel and the additional pathogens listed.

PHARRECAO Pharyngitis – Persistent Epstein-Barr Virus (Human Herpesvirus 4), Fusobacterium nucleatum, necrophorum, Streptococcus dysgalactiae (Group C/G Strep)

Flu, COVID, RSV **FCRSV**

SPECIMEN TYPES: Nasopharyngeal/Nares

COMMON SIGNS & SYMPTOMS: Acute upper respiratory tract Infection, high-grade fever, cough, runny nose, pain in throat, wheezing, nasal congestion, shortness of breath, malaise.

Viral

COVID-19 Coronavirus (SARS-CoV-2)
Influenza virus A, B
Respiratory syncytial virus

Measles **MESLV**

SPECIMEN TYPES: Nasopharyngeal/Nares, Oropharynx/Throat/Oral

COMMON SIGNS & SYMPTOMS: Concern of measles with symptoms consistent with an upper respiratory infection, including high fever, cough, runny nose, red watery eyes, and evidence of maculopapular rash and/or Koplik spots.

Viral

Measles



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Genitourinary

Urinary Tract Infection **UTI**

SPECIMEN TYPES: Urine (voided), Urine (catheter)

COMMON SIGNS & SYMPTOMS: Dysuria, hematuria, urgency of urination, frequency of micturition, or pain of micturition.

Bacterial

Acinetobacter baumannii
 Citrobacter freundii
 Enterobacter cloacae complex, Klebsiella (Enterobacter) aerogenes
 Enterococcus faecalis, faecium
 Escherichia coli
 Klebsiella pneumoniae, oxytoca
 Morganella morganii
 Proteus mirabilis, vulgaris
 Pseudomonas aeruginosa
 Serratia marcescens

Staphylococcus aureus
 Staphylococcus epidermidis, haemolyticus, lugdunensis
 Staphylococcus saprophyticus
 Streptococcus agalactiae (Group B Strep)

Fungal

Candida albicans, parapsilosis, tropicalis
 Candida glabrata (Nakaseomyces glabratus)
 Candida krusei (Pichia kudriavzevii)

Resistance

ACT, MIR, FOX, ACC Groups
 CTX-M Groups
 dfr (A1, A5), sul (1, 2)
 ermA, B, C; mefA
 IMP, NDM, VIM Groups
 mecA (Methicillin Resistance)
 OXA Groups
 qnrA, qnrB
 SHV, KPC Groups
 tet B, tet M
 VanA, VanB

ADD-ONS: Panel codes include pathogens above and additional pathogens listed below. Order using only the code below; it includes the base panel and the additional pathogens listed.

UTISTI **UTI + STI Combined** Chlamydia trachomatis, Mycoplasma genitalium, Neisseria gonorrhoeae, Trichomonas vaginalis

Vaginitis **VAGWT**

SPECIMEN TYPES: Vaginal

COMMON SIGNS & SYMPTOMS: Vaginal discharge, odor, itching, irritation, bacterial vaginosis, vulvovaginal candidiasis.

Bacterial

BVAB2,3 (Bacterial vaginosis-associated bacteria 2,3);
 Mobiluncus spp
 Chlamydia trachomatis
 Fannyhessea (Atopobium) vaginae
 Gardnerella vaginalis

Megasphaera (types 1, 2)
 Mycoplasma genitalium
 Neisseria gonorrhoeae

Protozoal

Trichomonas vaginalis

Fungal

Candida albicans, parapsilosis, tropicalis
 Candida glabrata (Nakaseomyces glabratus)
 Candida krusei (Pichia kudriavzevii)

Chlamydia/Gonorrhea/Trichomonas (CGT) **CGTWT**

SPECIMEN TYPES: Urine (voided) **SPECIMEN TYPES:** Vaginal, Rectal

COMMON SIGNS & SYMPTOMS: High risk heterosexual behavior, high risk homosexual behavior, or suspected exposure to a sexually transmitted infection.

Bacterial

Chlamydia trachomatis
 Neisseria gonorrhoeae

Protozoal

Trichomonas vaginalis

Genital Lesion **GENL**

SPECIMEN TYPES: Genital Ulcer/Lesion, Ulcer/Lesion

COMMON SIGNS & SYMPTOMS: Genital ulcer or lesion.

Bacterial

Chlamydia trachomatis
 Haemophilus ducreyi (Chancroid)
 Treponema pallidum (Syphilis)

Viral

Herpes simplex virus 1
 Herpes simplex virus 2
 Mpox (Monkeypox)



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Specialty

Diarrheal Infection **DI**

SPECIMEN TYPES: Rectal (fecal), Stool

COMMON SIGNS & SYMPTOMS: Infectious gastroenteritis with diarrhea, significant fever, and/or bloody stool.

Bacterial

Campylobacter coli, jejuni, upsaliensis
 Enteroinvasive E. coli (EIEC) / Shigella spp
 Enteropathogenic E. coli (EPEC)
 Enterotoxigenic E. coli (ETEC)
 Salmonella

Shiga toxin-producing E. coli (STEC)
 Shiga toxin-producing E. coli O157 (STEC O157)
 Vibrio cholerae, parahaemolyticus, vulnificus
 Yersinia enterocolitica

Viral

Adenovirus F40/41
 Astrovirus
 Norovirus (Genogroup 1, 2)
 Rotavirus A
 Sapovirus

ADD-ONS: Panel codes include pathogens above and additional pathogens listed below. Order using only the code below; it includes the base panel and the additional pathogens listed.

DICDIF **DI + C. Diff** Clostridioides difficile (toxins A, B)

DIPAR **DI + Parasites** Cryptosporidium, Cyclospora cayetanensis, Dientamoeba fragilis, Entamoeba histolytica, Giardia lamblia (intestinalis), Microsporidium (Enterocytozoon bienewisi, Encephalitozoon intestinalis)

Wound **WUN**

SWAB SITES: Wound Swabs (all locations)

COMMON SIGNS & SYMPTOMS: Recent wound from trauma with erythema, edema, heat, purulent exudate, and/or pain.

Bacterial

Bacteroides fragilis, Phocaeicola vulgatus
 Enterobacter cloacae complex, Klebsiella (Enterobacter) aerogenes
 Escherichia coli
 Klebsiella pneumoniae, oxytoca
 Proteus mirabilis, vulgaris
 Pseudomonas aeruginosa
 Serratia marcescens
 Staphylococcus aureus
 Streptococcus agalactiae (Group B Strep)
 Streptococcus pyogenes (Group A Strep)

Vibrio cholerae, parahaemolyticus, vulnificus

Viral

Herpes simplex virus 1
 Herpes simplex virus 2
 Varicella zoster virus (Human Herpesvirus 3, VZV)

Fungal

Candida albicans, glabrata, parapsilosis, tropicalis

Resistance

ACT, MIR, FOX, ACC Groups
 CTX-M Groups
 dfr (A1, A5), sul (1, 2)
 ermA, B, C; mefA
 IMP, NDM, VIM Groups
 mecA (Methicillin Resistance)
 OXA Groups
 qnrA, qnrB
 SHV, KPC Groups
 tet B, tet M
 VanA, VanB

Blistering Lesion **BL**

SWAB SITES: Wound Swabs (all locations)

COMMON SIGNS & SYMPTOMS: Fluid-filled lesions on the skin.

Bacterial

Staphylococcus aureus
 Streptococcus pyogenes (Group A Strep)

Viral

Herpes simplex virus 1
 Herpes simplex virus 2
 Varicella zoster virus (Human Herpesvirus 3, VZV)

Resistance

mecA (Methicillin Resistance)

Neonatal Conjunctivitis **NEOEYE**

SWAB SITES: External Eye

COMMON SIGNS & SYMPTOMS: Redness, swelling, and pus-like discharge from the eyes and concern of STI transmission during childbirth.

Bacterial

Chlamydia trachomatis
 Neisseria gonorrhoeae

Viral

Herpes simplex virus 1
 Herpes simplex virus 2

