

HealthTrackRx Syndromic Menu

NOT TYPICALLY DETECTED BY CULTURE

◆ Fungal
 ◆ Protozoal
 ◆ Slow Growing
 ◆ Streptococcus Species
 ◆ Anaerobe
 ◆ Not Typically Tested by Culture

HealthTrackRx is the premier PCR-based infectious disease laboratory, delivering industry-leading testing turnaround times to healthcare providers nationwide. For more than 20 years, the company has enabled accurate clinical decisions through its testing platform, advancement in pathogen detection and identification, and antimicrobial stewardship leadership.

OPHTHALMOLOGY

Acanthamoeba castellanii, *polyphaga*; *Vermamoeba* (*Hartmannella*) *vermiformis*
Acinetobacter baumannii
 Adenovirus
Alternaria spp., *Curvularia lunata*, *Penicillium* spp.
Aspergillus flavus, *fumigatus*, *niger*, *terreus*
Bacillus cereus, *thuringiensis*
Candida albicans, *glabrata*, *parapsilosis*, *tropicalis*
Chlamydia trachomatis
Citrobacter freundii
Cutibacterium (*Propionibacterium*) *acnes*
 Cytomegalovirus¹
 Enterobacter cloacae complex, *Klebsiella* (*Enterobacter*) *aerogenes*
Enterococcus faecalis, *faecium*
 Enterovirus (pan)
 Epstein-Barr virus²

Escherichia coli
Fusarium oxysporum, *solani*
Fusobacterium nucleatum, *necrophorum*
Haemophilus influenzae
 Herpes simplex virus 1, 2³
Klebsiella pneumoniae, *oxytoca*
Microsporidia (*Encephalitozoon hellum*, *cuniculi*, *Nosema* (*Vittaforma*) *ocularum*)
Moraxella catarrhalis
Morganella morganii
Neisseria gonorrhoeae
Proteus mirabilis, *vulgaris*
Pseudomonas aeruginosa
Staphylococcus aureus
Staphylococcus spp.⁴
*Streptococcus agalactiae*⁵
Streptococcus pneumoniae
*Streptococcus pyogenes*⁶
 Varicella zoster virus⁷

OTOLARYNGOLOGY

Acinetobacter baumannii
 Adenovirus
Alternaria spp., *Curvularia lunata*, *Penicillium* spp.
Aspergillus flavus, *fumigatus*, *niger*, *terreus*
Bordetella pertussis, *parapertussis*, *bronchiseptica*
Candida albicans, *glabrata*, *parapsilosis*, *tropicalis*
Chlamydia trachomatis
Cutibacterium (*Propionibacterium*) *acnes*
 Cytomegalovirus¹
 Enterobacter cloacae complex, *Klebsiella* (*Enterobacter*) *aerogenes*
Enterococcus faecalis, *faecium*
 Enterovirus (pan)
 Epstein Barr Virus²
Escherichia coli

Fusarium oxysporum, *solani*
Fusobacterium nucleatum, *necrophorum*
Haemophilus influenzae
 Herpes simplex virus 1, 2³
Klebsiella pneumoniae, *oxytoca*
Moraxella catarrhalis
Neisseria gonorrhoeae
 Parainfluenza virus (types 1, 2, 3, 4)
Proteus mirabilis, *vulgaris*
Pseudomonas aeruginosa
Staphylococcus aureus
Staphylococcus spp.⁴
*Streptococcus agalactiae*⁵
Streptococcus pneumoniae
*Streptococcus pyogenes*⁶
 Varicella zoster virus⁷

BRONCHITIS / BRONCHIOLITIS / PNEUMONIA

Acinetobacter baumannii
 Adenovirus HAdV-B
Bordetella pertussis, *parapertussis*, *bronchiseptica*
Chlamydia pneumoniae
 Coronavirus
 (229E, NL63, HKU1, OC43)
 COVID-19 Coronavirus
 (SARS-CoV-2)
 Enterobacter cloacae complex, *Klebsiella* (*Enterobacter*) *aerogenes*
 Enterovirus D68
Escherichia coli
Haemophilus influenzae
 Human metapneumovirus
 Influenza virus, A, B
 Enterobacter cloacae complex, *Klebsiella pneumoniae*, *oxytoca*
Legionella pneumophila

Moraxella catarrhalis
Mycoplasma pneumoniae
 Parainfluenza virus
 (types 1, 2, 3, 4)
Proteus mirabilis, *vulgaris*
Pseudomonas aeruginosa
 Respiratory syncytial virus
 Rhinovirus/Enterovirus
Serratia marcescens
Staphylococcus aureus
*Streptococcus agalactiae*⁵
Streptococcus pneumoniae
*Streptococcus pyogenes*⁶

ADD-ON ONLY
Chlamydia trachomatis
Mycobacterium tuberculosis
Neisseria gonorrhoeae

GASTROINTESTINAL

Adenovirus HAdV-F, HAdV-G
 Astrovirus, Sapovirus G1, G2
Campylobacter jejuni, *coli*
Clostridioides difficile (toxins A, B)
 Enteroggregative *E. coli* (EAEC)
 Enteroinvasive *E. coli* (EIEC) / *Shigella* spp.
 Enteropathogenic *E. coli* (EPEC)
 Enterotoxigenic *E. coli* (ETEC)
Listeria monocytogenes
 Norovirus (Genogroup 1, 2)
 Rotavirus A, B
Salmonella enterica
 Shiga toxin-producing *E. coli* (STEC)

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

ADD-ON ONLY
Candida albicans, *parapsilosis*, *tropicalis*
Candida glabrata
Candida krusei
Chlamydia trachomatis
Neisseria gonorrhoeae
Trichomonas vaginalis

URINARY TRACT INFECTION

Acinetobacter baumannii
Candida albicans, *parapsilosis*, *tropicalis*
Candida glabrata
Candida krusei
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 spp.
*Streptococcus agalactiae*⁵
*Streptococcus pyogenes*⁶

Neisseria gonorrhoeae
Trichomonas vaginalis
Ureaplasma urealyticum, *parvum*

URETHRITIS/ DISCHARGE

Chlamydia trachomatis
 Herpes simplex virus 1
 Herpes simplex virus 2
Mycoplasma genitalium, *hominis*

VAGINITIS

Atopobium vaginae
 BVAB2,3 (Bacterial vaginosis-associated bacteria 2,3); *Mobiluncus* spp
Candida albicans, *parapsilosis*, *tropicalis*
Candida glabrata
Candida krusei
Chlamydia trachomatis
Gardnerella vaginalis

Herpes simplex virus 1
 Herpes simplex virus 2
Megasphaera (types 1, 2)
Neisseria gonorrhoeae
Trichomonas vaginalis

ADD-ON ONLY
 High Risk HPV types 16, 39, 26, 18, 51, 53, 31, 52, 66, 33, 58, 73, 35, 59, 82, 45, 56, 68, 67, 69, 70

ONYCHOMYCOSIS

Aspergillus flavus, *fumigatus*, *niger*, *terreus*
Blastomyces dermatitidis
Candida albicans, *glabrata*, *parapsilosis*, *tropicalis*
Epidermophyton floccosum
Fusarium oxysporum, *solani*
Malassezia furfur, *restricta*, *sympodialis*, *globosa*
Microsporium audouinii, *canis*, *gypseum*
Pseudomonas aeruginosa

Trichophyton mentagrophytes, *interdigitale*, *rubrum*, *soudanense*, *terrestre*, *tonsurans*, *verrucosum*, *violaceum*
Trichosporon mucoides, *asahii*

ADD-ON ONLY
Candida auris

CHRONIC WOUND / ULCER

BACTERIAL/VIRUS
Acinetobacter baumannii
Bacteroides fragilis, *vulgatus*
Citrobacter freundii
Clostridium perfringens, *novyi*, *septicum*
Corynebacterium jeikeium, *striatum*, *tuberculostearicum*
Cutibacterium (*Propionibacterium*) *acnes*
 Enterobacter cloacae complex, *Klebsiella* (*Enterobacter*) *aerogenes*
Enterococcus faecalis, *faecium*
Escherichia coli
Haemophilus influenzae
 Herpes simplex virus 1, 2³
Klebsiella pneumoniae, *oxytoca*
Proteus mirabilis, *vulgaris*
Pseudomonas aeruginosa
Salmonella enterica
Serratia marcescens
Staphylococcus aureus
Staphylococcus spp.⁴
*Streptococcus agalactiae*⁵
Streptococcus pneumoniae

*Streptococcus pyogenes*⁶
 Varicella zoster virus⁷
Vibrio cholerae, *parahaemolyticus*, *vulnificus*

FUNGAL
Aspergillus flavus, *fumigatus*, *niger*, *terreus*
Candida albicans, *glabrata*, *parapsilosis*, *tropicalis*
Epidermophyton floccosum
Fusarium oxysporum, *solani*
Malassezia furfur, *restricta*, *sympodialis*, *globosa*
Microsporium audouinii, *canis*, *gypseum*
Trichophyton mentagrophytes/*interdigitale*, *rubrum*, *soudanense*, *terrestre*, *tonsurans*, *verrucosum*, *violaceum*
Trichosporon mucoides, *asahii*

ADD-ON ONLY
 Human Monkeypox virus

ADDITIONAL MENUS OFFERED

Common Bacterial/Viral Respiratory Infection-Pharyngitis/Laryngitis
 Treatable Respiratory Viruses
 Extended Respiratory Viral/Acute Rhinosinusitis
 Acute Otitis Media/Mastoiditis

UTI + High Risk Sexual Behavior
 Genitourinary
 Genital Lesion
 High Risk Sexual Behavior
 Urethritis/Discharge + Vaginitis

Pelvic Inflammatory Disease
 Proctitis
 Acute Wound/Pustular Lesions/Skin Abscesses
 Tinea
 Blistering Skin Lesion

¹Human Herpesvirus 5, CMV
²Human Herpesvirus 4, EBV
³HSV-1, HSV-2

⁴Coagulase negative species:
S. epidermidis, *S. haemolyticus*,
S. lugdunensis, *S. saprophyticus*

⁵Group B Strep
⁶Group A Strep
⁷Human Herpesvirus 3, VZV

HealthTrackRx Symptoms and Commonly-Used ICD Codes

OPHTHALMOLOGY

PANEL DESCRIPTION

Consider if patient presents with eye pain, eye redness, blurred vision, sensitivity to light, excessive tearing, and/or eye discharge.

ICD Code	Description
B00.50	Herpesviral ocular disease, unspecified
B00.52	Herpesviral keratitis
H10.31	Unspecified acute conjunctivitis, right eye
H10.32	Unspecified acute conjunctivitis, left eye
H10.33	Unspecified acute conjunctivitis, bilateral
H16.001	Unspecified corneal ulcer, right eye
H16.002	Unspecified corneal ulcer, left eye
H16.011	Central corneal ulcer, right eye
H16.012	Central corneal ulcer, left eye
H16.041	Marginal corneal ulcer, right eye
H16.042	Marginal corneal ulcer, left eye

BRONCHITIS / BRONCHIOLITIS / PNEUMONIA

PANEL DESCRIPTION

Consider if patient presents with upper respiratory tract infection, high grade fever, dyspnea, cough, sputum production, hypoxia & chest x-ray opacity.

ICD Code	Description
J00	Acute nasopharyngitis [common cold]
J01.90	Acute sinusitis
J06.9	Acute upper respiratory infection, unspecified
J10.1	Influenza due to other identified influenza virus with other respiratory manifestations
J20.9	Acute bronchitis
R05.1	Acute cough
R05.8	Other specified cough
R06.2	Wheezing
R07.0	Pain in throat
R09.81	Nasal congestion
R50.9	Fever, unspecified
Z11.52	Encounter for screening for COVID-19
Z11.59	Encounter for screening for other viral diseases
Z20.822	Contact with and (suspected) exposure to COVID-19
Z20.828	Contact with and (suspected) exposure to other viral communicable diseases

URINARY TRACT INFECTION

PANEL DESCRIPTION

Consider if patient presents with dysuria, hematuria, urgency of urination, frequency of micturition, bacteriuria, or pain of micturition.

ICD Code	Description
N30.00	Acute cystitis without hematuria
N30.01	Acute cystitis with hematuria
N39.0	Urinary tract infection, site not specified
N39.1	Persistent proteinuria, unspecified
R30.0	Dysuria
R30.9	Painful micturition, unspecified
R31.0	Gross hematuria
R35.0	Frequency of micturition
R82.9	Other and unspecified abnormal findings in urine
R82.998	Other abnormal findings in urine
Z87.440	Personal history of urinary (tract) infections

URETHRITIS/ DISCHARGE

PANEL DESCRIPTION

Consider if patient has pain with urination, pruritus, burning, and discharge.

ICD Code	Description
N89.9	Noninflammatory disorder of vagina, unspecified
R10.9	Unspecified abdominal pain
R30.0	Dysuria
R30.9	Painful micturition, unspecified
R31.9	Hematuria, unspecified
R36.9	Urethral discharge, unspecified
Z00.129	Encounter for routine child health examination without abnormal findings
Z01.419	Encounter for gynecological examination (general) (routine) without abnormal findings
Z11.3	Encounter for screening for infections with a predominantly sexual mode of transmission
Z20.2	Contact with and (suspected) exposure to infections with a predominantly sexual mode of transmission
Z72.51	High risk heterosexual behavior
Z72.52	High risk homosexual behavior

VAGINITIS

PANEL DESCRIPTION

Consider if patient presents with vaginal discharge, odor, itching, and/or discomfort, Bacterial Vaginosis, VulvoVaginal Candidiasis.

ICD Code	Description
N76.0	Acute vaginitis
N76.1	Subacute and chronic vaginitis
N76.89	Other specified inflammation of vagina and vulva
N93.9	Abnormal uterine and vaginal bleeding, unspecified
R30.0	Dysuria
Z72.51	High risk heterosexual behavior
Z11.3	Encounter for screening for infections with a predominantly sexual mode of transmission

OTOLARYNGOLOGY

PANEL DESCRIPTION

Consider if patient presents with chronic or complicated ear, nose, or throat infection.

ICD Code	Description
J02.0	Streptococcal pharyngitis
J02.9	Acute pharyngitis
J32.0	Chronic maxillary sinusitis
J32.8	Other chronic sinusitis
J32.9	Chronic sinusitis, unspecified
K12.1	Other forms of stomatitis
K12.2	Cellulitis and abscess of mouth
Z20.822	Contact with and (suspected) exposure to COVID-19
Z20.828	Contact with and (suspected) exposure to other viral communicable diseases

GASTROINTESTINAL

PANEL DESCRIPTION

Consider if patient presents with acute diarrhea, +/- nausea, vomiting, fever, or abdominal pain that lasts < 14 days.

ICD Code	Description
A04.72	Enterocolitis due to Clostridium difficile, not specified as recurrent
A09	Infectious gastroenteritis and colitis, unspecified
R10.13	Epigastric pain
R10.30	Lower abdominal pain, unspecified
R11.2	Nausea with vomiting, unspecified
R14.0	Abdominal distension (gaseous)
R19.7	Diarrhea, unspecified

ONYCHOMYCOSIS

PANEL DESCRIPTION

Minor skin disorder presenting with nail discoloration (yellow, white, or brown), dystrophy (deformed), thickening, onycholysis (separation from nail bed).

ICD Code	Description
B35.1	Tinea unguium
L60.1	Onycholysis
L60.3	Nail dystrophy
L60.8	Other nail disorder

CHRONIC WOUND / ULCER

PANEL DESCRIPTION

Consider if patient presents with skin erythema, edema, warmth, or cellulitis.

ICD Code	Description
L01.00	Impetigo, unspecified
L02.214	Cutaneous abscess of groin
L02.818	Cutaneous abscess of other sites
L03.113	Cellulitis of right upper limb
L03.114	Cellulitis of left upper limb
L03.115	Cellulitis of right lower limb
L03.116	Cellulitis of left lower limb
L03.90	Cellulitis, unspecified
L30.4	Erythema intertrigo
L30.8	Other specified dermatitis
L89.144	Pressure ulcer of left lower back
L97.512	Non-pressure chronic ulcer of other part of right foot with unspecified severity
L97.522	Non-pressure chronic ulcer of other part of left foot with fat layer exposed
R89.5	Abnormal microbiological findings in specimens from other organs, systems and tissues
S81.802A	Unspecified open wound, left lower leg, initial encounter
S81.801A	Unspecified open wound, right lower leg, initial encounter