



## 190.12 - Urine Culture, Bacterial

### Other Names/Abbreviations

Urine culture

### Description

A bacterial urine culture is a laboratory test service performed on a urine specimen to establish the probable etiology of a presumed urinary tract infection. It is common practice to do a urinalysis prior to a urine culture. A urine culture for bacteria might also be used as part of the evaluation and management of another related condition. The procedure includes aerobic agar-based isolation of bacteria or other cultivable organisms present, and quantitation of types present based on morphologic criteria. Isolates deemed significant may be subjected to additional identification and susceptibility procedures as requested by the ordering physician. The physician's request may be through clearly documented and communicated laboratory protocols.

### HCPCS Codes (Alphanumeric, CPT® AMA)

Code	Description
87086	Culture, bacterial; quantitative, colony count, urine.
87088	Culture, bacterial; with isolation and presumptive identification of each isolates, urine.

### ICD-10-CM Codes Covered by Medicare Program

The ICD-10-CM codes in the table below can be viewed on CMS' website as part of Downloads: Lab Code List, at <http://www.cms.gov/Medicare/Coverage/CoverageGenInfo/LabNCDsICD10.html>

Code	Description
A02.1	Salmonella sepsis
A18.14	Tuberculosis of prostate
A34	Obstetrical tetanus
A40.0	Sepsis due to streptococcus, group A
A40.1	Sepsis due to streptococcus, group B
A40.3	Sepsis due to Streptococcus pneumoniae
A40.8	Other streptococcal sepsis
A40.9	Streptococcal sepsis, unspecified
A41.01	Sepsis due to Methicillin susceptible Staphylococcus aureus



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Code	Description
A41.02	Sepsis due to Methicillin resistant Staphylococcus aureus
A41.1	Sepsis due to other specified staphylococcus
A41.2	Sepsis due to unspecified staphylococcus
A41.3	Sepsis due to Hemophilus influenzae
A41.4	Sepsis due to anaerobes
A41.50	Gram-negative sepsis, unspecified
A41.51	Sepsis due to Escherichia coli [E. coli]
A41.52	Sepsis due to Pseudomonas
A41.53	Sepsis due to Serratia
A41.59	Other Gram-negative sepsis
A41.81	Sepsis due to Enterococcus
A41.89	Other specified sepsis
A41.9	Sepsis, unspecified organism
A42.7	Actinomycotic sepsis
A56.01	Chlamydial cystitis and urethritis
A56.02	Chlamydial vulvovaginitis
A56.11	Chlamydial female pelvic inflammatory disease
D65	Disseminated intravascular coagulation [defibrination syndrome]
D70.0	Congenital agranulocytosis
D70.1	Agranulocytosis secondary to cancer chemotherapy
D70.2	Other drug-induced agranulocytosis
D70.3	Neutropenia due to infection
D70.4	Cyclic neutropenia
D70.8	Other neutropenia
D70.9	Neutropenia, unspecified
D72.89	Other specified disorders of white blood cells
E09.21	Drug or chemical induced diabetes mellitus with diabetic nephropathy
E09.22	Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease
E09.29	Drug or chemical induced diabetes mellitus with other diabetic kidney complication
E87.2	Acidosis



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Code	Description
E87.4	Mixed disorder of acid-base balance
F45.8	Other somatoform disorders
G93.3	Postviral fatigue syndrome
J80	Acute respiratory distress syndrome
K72.00	Acute and subacute hepatic failure without coma
K72.01	Acute and subacute hepatic failure with coma
K76.2	Central hemorrhagic necrosis of liver
M32.14	Glomerular disease in systemic lupus erythematosus
M32.15	Tubulo-interstitial nephropathy in systemic lupus erythematosus
M35.04	Sicca syndrome with tubulo-interstitial nephropathy
M54.89	Other dorsalgia
M54.9	Dorsalgia, unspecified
N00.0	Acute nephritic syndrome with minor glomerular abnormality
N00.1	Acute nephritic syndrome with focal and segmental glomerular lesions
N00.2	Acute nephritic syndrome with diffuse membranous glomerulonephritis
N00.3	Acute nephritic syndrome with diffuse mesangial proliferative glomerulonephritis
N00.4	Acute nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis
N00.5	Acute nephritic syndrome with diffuse mesangiocapillary glomerulonephritis
N00.6	Acute nephritic syndrome with dense deposit disease
N00.7	Acute nephritic syndrome with diffuse crescentic glomerulonephritis
N00.8	Acute nephritic syndrome with other morphologic changes
N00.9	Acute nephritic syndrome with unspecified morphologic changes
N01.0	Rapidly progressive nephritic syndrome with minor glomerular abnormality
N01.1	Rapidly progressive nephritic syndrome with focal and segmental glomerular lesions
N01.2	Rapidly progressive nephritic syndrome with diffuse membranous glomerulonephritis
N01.3	Rapidly progressive nephritic syndrome with diffuse mesangial proliferative glomerulonephritis
N01.4	Rapidly progressive nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis
N01.5	Rapidly progressive nephritic syndrome with diffuse mesangiocapillary glomerulonephritis
N01.6	Rapidly progressive nephritic syndrome with dense deposit disease

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Code	Description
N01.7	Rapidly progressive nephritic syndrome with diffuse crescentic glomerulonephritis
N01.8	Rapidly progressive nephritic syndrome with other morphologic changes
N01.9	Rapidly progressive nephritic syndrome with unspecified morphologic changes
N05.0	Unspecified nephritic syndrome with minor glomerular abnormality
N05.1	Unspecified nephritic syndrome with focal and segmental glomerular lesions
N05.2	Unspecified nephritic syndrome with diffuse membranous glomerulonephritis
N05.3	Unspecified nephritic syndrome with diffuse mesangial proliferative glomerulonephritis
N05.4	Unspecified nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis
N05.5	Unspecified nephritic syndrome with diffuse mesangiocapillary glomerulonephritis
N05.6	Unspecified nephritic syndrome with dense deposit disease
N05.7	Unspecified nephritic syndrome with diffuse crescentic glomerulonephritis
N05.8	Unspecified nephritic syndrome with other morphologic changes
N05.9	Unspecified nephritic syndrome with unspecified morphologic changes
N06.0	Isolated proteinuria with minor glomerular abnormality
N06.1	Isolated proteinuria with focal and segmental glomerular lesions
N06.2	Isolated proteinuria with diffuse membranous glomerulonephritis
N06.3	Isolated proteinuria with diffuse mesangial proliferative glomerulonephritis
N06.4	Isolated proteinuria with diffuse endocapillary proliferative glomerulonephritis
N06.5	Isolated proteinuria with diffuse mesangiocapillary glomerulonephritis
N06.6	Isolated proteinuria with dense deposit disease
N06.7	Isolated proteinuria with diffuse crescentic glomerulonephritis
N06.8	Isolated proteinuria with other morphologic lesion
N06.9	Isolated proteinuria with unspecified morphologic lesion
N07.0	Hereditary nephropathy, not elsewhere classified with minor glomerular abnormality
N07.1	Hereditary nephropathy, not elsewhere classified with focal and segmental glomerular lesions
N07.2	Hereditary nephropathy, not elsewhere classified with diffuse membranous glomerulonephritis
N07.3	Hereditary nephropathy, not elsewhere classified with diffuse mesangial proliferative glomerulonephritis
N07.4	Hereditary nephropathy, not elsewhere classified with diffuse endocapillary proliferative glomerulonephritis

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Code	Description
N07.5	Hereditary nephropathy, not elsewhere classified with diffuse mesangiocapillary glomerulonephritis
N07.6	Hereditary nephropathy, not elsewhere classified with dense deposit disease
N07.7	Hereditary nephropathy, not elsewhere classified with diffuse crescentic glomerulonephritis
N07.8	Hereditary nephropathy, not elsewhere classified with other morphologic lesions
N07.9	Hereditary nephropathy, not elsewhere classified with unspecified morphologic lesions
N08	Glomerular disorders in diseases classified elsewhere
N10	<b>*Acute pyelonephritis</b>
N11.0	Nonobstructive reflux-associated chronic pyelonephritis
N11.1	Chronic obstructive pyelonephritis
N11.8	Other chronic tubulo-interstitial nephritis
N11.9	Chronic tubulo-interstitial nephritis, unspecified
N12	Tubulo-interstitial nephritis, not specified as acute or chronic
N13.1	Hydronephrosis with ureteral stricture, not elsewhere classified
N13.2	Hydronephrosis with renal and ureteral calculous obstruction
N13.4	Hydroureter
N13.5	Crossing vessel and stricture of ureter without hydronephrosis
N13.6	Pyonephrosis
N13.70	Vesicoureteral-reflux, unspecified
N13.71	Vesicoureteral-reflux without reflux nephropathy
N13.721	Vesicoureteral-reflux with reflux nephropathy without hydroureter, unilateral
N13.722	Vesicoureteral-reflux with reflux nephropathy without hydroureter, bilateral
N13.729	Vesicoureteral-reflux with reflux nephropathy without hydroureter, unspecified
N13.731	Vesicoureteral-reflux with reflux nephropathy with hydroureter, unilateral
N13.732	Vesicoureteral-reflux with reflux nephropathy with hydroureter, bilateral
N13.739	Vesicoureteral-reflux with reflux nephropathy with hydroureter, unspecified
N13.8	Other obstructive and reflux uropathy
N13.9	Obstructive and reflux uropathy, unspecified
N14.0	Analgesic nephropathy
N14.1	Nephropathy induced by other drugs, medicaments and biological substances
N14.2	Nephropathy induced by unspecified drug, medicament or biological substance

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Code	Description
N14.3	Nephropathy induced by heavy metals
N14.4	Toxic nephropathy, not elsewhere classified
N15.0	Balkan nephropathy
N15.1	Renal and perinephric abscess
N15.8	Other specified renal tubulo-interstitial diseases
N15.9	Renal tubulo-interstitial disease, unspecified
N16	Renal tubulo-interstitial disorders in diseases classified elsewhere
N17.1	Acute kidney failure with acute cortical necrosis
N17.2	Acute kidney failure with medullary necrosis
N18.6	End stage renal disease
N20.0	Calculus of kidney
N20.1	Calculus of ureter
N20.2	Calculus of kidney with calculus of ureter
N20.9	Urinary calculus, unspecified
N21.0	Calculus in bladder
N21.1	Calculus in urethra
N21.8	Other lower urinary tract calculus
N21.9	Calculus of lower urinary tract, unspecified
N22	Calculus of urinary tract in diseases classified elsewhere
N23	Unspecified renal colic
N28.0	Ischemia and infarction of kidney
N28.1	Cyst of kidney, acquired
N28.81	Hypertrophy of kidney
N28.82	Megaloureter
N28.83	Nephroptosis
N28.84	Pyelitis cystica
N28.85	Pyeloureteritis cystica
N28.86	Ureteritis cystica
N28.89	Other specified disorders of kidney and ureter
N28.9	Disorder of kidney and ureter, unspecified

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Code	Description
N29	Other disorders of kidney and ureter in diseases classified elsewhere
N30.00	Acute cystitis without hematuria
N30.01	Acute cystitis with hematuria
N30.10	Interstitial cystitis (chronic) without hematuria
N30.11	Interstitial cystitis (chronic) with hematuria
N30.20	Other chronic cystitis without hematuria
N30.21	Other chronic cystitis with hematuria
N30.30	Trigonitis without hematuria
N30.31	Trigonitis with hematuria
N30.40	Irradiation cystitis without hematuria
N30.41	Irradiation cystitis with hematuria
N30.80	Other cystitis without hematuria
N30.81	Other cystitis with hematuria
N30.90	Cystitis, unspecified without hematuria
N30.91	Cystitis, unspecified with hematuria
N34.0	Urethral abscess
N34.1	Nonspecific urethritis
N34.2	Other urethritis
N34.3	Urethral syndrome, unspecified
N35.111	Postinfective urethral stricture, not elsewhere classified, male, meatal
N35.112	Postinfective bulbous urethral stricture, not elsewhere classified
N35.113	Postinfective membranous urethral stricture, not elsewhere classified
N35.114	Postinfective anterior urethral stricture, not elsewhere classified
N35.119	Postinfective urethral stricture, not elsewhere classified, male, unspecified
N35.12	Postinfective urethral stricture, not elsewhere classified, female
N37	Urethral disorders in diseases classified elsewhere
N39.0	Urinary tract infection, site not specified
N39.3	Stress incontinence (female) (male)
N39.41	Urge incontinence
N39.42	Incontinence without sensory awareness



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Code	Description
N39.43	Post-void dribbling
N39.44	Nocturnal enuresis
N39.45	Continuous leakage
N39.46	Mixed incontinence
N39.490	Overflow incontinence
N39.498	Other specified urinary incontinence
N40.0	<b>*Benign prostatic hyperplasia without lower urinary tract symptoms</b>
N40.1	<b>*Benign prostatic hyperplasia with lower urinary tract symptoms</b>
N40.2	Nodular prostate without lower urinary tract symptoms
N40.3	Nodular prostate with lower urinary tract symptoms
N41.0	Acute prostatitis
N41.1	Chronic prostatitis
N41.2	Abscess of prostate
N41.3	Prostatocystitis
N41.4	Granulomatous prostatitis
N41.8	Other inflammatory diseases of prostate
N41.9	Inflammatory disease of prostate, unspecified
N42.0	Calculus of prostate
N42.1	Congestion and hemorrhage of prostate
<b>*N42.30</b>	<b>*Unspecified dysplasia of prostate</b>
<b>*N42.31</b>	<b>*Prostatic intraepithelial neoplasia</b>
<b>*N42.32</b>	<b>*Atypical small acinar proliferation of prostate</b>
<b>*N42.39</b>	<b>*Other dysplasia of prostate</b>
N42.81	Prostatodynia syndrome
N42.82	Prostatosis syndrome
N42.83	Cyst of prostate
N42.89	Other specified disorders of prostate
N42.9	Disorder of prostate, unspecified
N43.40	Spermatocele of epididymis, unspecified
N43.41	Spermatocele of epididymis, single





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Code	Description
N43.42	Spermatocele of epididymis, multiple
N44.00	Torsion of testis, unspecified
N44.01	Extravaginal torsion of spermatic cord
N44.02	Intravaginal torsion of spermatic cord
N44.03	Torsion of appendix testis
N44.04	Torsion of appendix epididymis
N44.1	Cyst of tunica albuginea testis
N44.2	Benign cyst of testis
N44.8	Other noninflammatory disorders of the testis
N45.1	Epididymitis
N45.2	Orchitis
N45.3	Epididymo-orchitis
N45.4	Abscess of epididymis or testis
N49.0	Inflammatory disorders of seminal vesicle
N49.1	Inflammatory disorders of spermatic cord, tunica vaginalis and vas deferens
N49.2	Inflammatory disorders of scrotum
N49.3	Fournier gangrene
N49.8	Inflammatory disorders of other specified male genital organs
N49.9	Inflammatory disorder of unspecified male genital organ
N50.0	Atrophy of testis
N50.1	Vascular disorders of male genital organs
N50.3	Cyst of epididymis
<b>*N50.811</b>	<b>*Right testicular pain</b>
<b>*N50.812</b>	<b>*Left testicular pain</b>
<b>*N50.819</b>	<b>*Testicular pain, unspecified</b>
<b>*N50.82</b>	<b>*Scrotal pain</b>
<b>*N50.89</b>	<b>*Other specified disorders of the male genital organs</b>
N50.9	Disorder of male genital organs, unspecified
N51	Disorders of male genital organs in diseases classified elsewhere
N53.11	Retarded ejaculation



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Code	Description
N53.12	Painful ejaculation
N53.13	Anejaculatory orgasm
N53.14	Retrograde ejaculation
N53.19	Other ejaculatory dysfunction
N53.8	Other male sexual dysfunction
N53.9	Unspecified male sexual dysfunction
N70.01	Acute salpingitis
N70.02	Acute oophoritis
N70.03	Acute salpingitis and oophoritis
N70.11	Chronic salpingitis
N70.12	Chronic oophoritis
N70.13	Chronic salpingitis and oophoritis
N70.91	Salpingitis, unspecified
N70.92	Oophoritis, unspecified
N70.93	Salpingitis and oophoritis, unspecified
N71.0	Acute inflammatory disease of uterus
N71.1	Chronic inflammatory disease of uterus
N71.9	Inflammatory disease of uterus, unspecified
N72	Inflammatory disease of cervix uteri
N73.0	Acute parametritis and pelvic cellulitis
N73.1	Chronic parametritis and pelvic cellulitis
N73.2	Unspecified parametritis and pelvic cellulitis
N73.3	Female acute pelvic peritonitis
N73.4	Female chronic pelvic peritonitis
N73.5	Female pelvic peritonitis, unspecified
N73.6	Female pelvic peritoneal adhesions (postinfective)
N73.8	Other specified female pelvic inflammatory diseases
N73.9	Female pelvic inflammatory disease, unspecified
N74	Female pelvic inflammatory disorders in diseases classified elsewhere
N75.0	Cyst of Bartholin's gland

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Code	Description
N75.1	Abscess of Bartholin's gland
N75.8	Other diseases of Bartholin's gland
N75.9	Disease of Bartholin's gland, unspecified
N76.0	Acute vaginitis
N76.1	Subacute and chronic vaginitis
N76.2	Acute vulvitis
N76.3	Subacute and chronic vulvitis
N76.4	Abscess of vulva
N76.5	Ulceration of vagina
N76.6	Ulceration of vulva
N76.81	Mucositis (ulcerative) of vagina and vulva
N76.89	Other specified inflammation of vagina and vulva
N77.0	Ulceration of vulva in diseases classified elsewhere
N77.1	Vaginitis, vulvitis and vulvovaginitis in diseases classified elsewhere
N82.0	Vesicovaginal fistula
N82.1	Other female urinary-genital tract fistulae
N82.2	Fistula of vagina to small intestine
N82.3	Fistula of vagina to large intestine
N82.4	Other female intestinal-genital tract fistulae
N82.5	Female genital tract-skin fistulae
N82.8	Other female genital tract fistulae
N82.9	Female genital tract fistula, unspecified
O08.0	Genital tract and pelvic infection following ectopic and molar pregnancy
O08.3	Shock following ectopic and molar pregnancy
O08.82	Sepsis following ectopic and molar pregnancy
O23.00	Infections of kidney in pregnancy, unspecified trimester
O23.01	Infections of kidney in pregnancy, first trimester
O23.02	Infections of kidney in pregnancy, second trimester
O23.03	Infections of kidney in pregnancy, third trimester
O23.10	Infections of bladder in pregnancy, unspecified trimester

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Code	Description
O23.11	Infections of bladder in pregnancy, first trimester
O23.12	Infections of bladder in pregnancy, second trimester
O23.13	Infections of bladder in pregnancy, third trimester
O23.20	Infections of urethra in pregnancy, unspecified trimester
O23.21	Infections of urethra in pregnancy, first trimester
O23.22	Infections of urethra in pregnancy, second trimester
O23.23	Infections of urethra in pregnancy, third trimester
O23.30	Infections of other parts of urinary tract in pregnancy, unspecified trimester
O23.31	Infections of other parts of urinary tract in pregnancy, first trimester
O23.32	Infections of other parts of urinary tract in pregnancy, second trimester
O23.33	Infections of other parts of urinary tract in pregnancy, third trimester
O23.40	Unspecified infection of urinary tract in pregnancy, unspecified trimester
O23.41	Unspecified infection of urinary tract in pregnancy, first trimester
O23.42	Unspecified infection of urinary tract in pregnancy, second trimester
O23.43	Unspecified infection of urinary tract in pregnancy, third trimester
O23.511	Infections of cervix in pregnancy, first trimester
O23.512	Infections of cervix in pregnancy, second trimester
O23.513	Infections of cervix in pregnancy, third trimester
O23.519	Infections of cervix in pregnancy, unspecified trimester
O23.521	Salpingo-oophoritis in pregnancy, first trimester
O23.522	Salpingo-oophoritis in pregnancy, second trimester
O23.523	Salpingo-oophoritis in pregnancy, third trimester
O23.529	Salpingo-oophoritis in pregnancy, unspecified trimester
O23.591	Infection of other part of genital tract in pregnancy, first trimester
O23.592	Infection of other part of genital tract in pregnancy, second trimester
O23.593	Infection of other part of genital tract in pregnancy, third trimester
O23.599	Infection of other part of genital tract in pregnancy, unspecified trimester
O23.90	Unspecified genitourinary tract infection in pregnancy, unspecified trimester
O23.91	Unspecified genitourinary tract infection in pregnancy, first trimester
O23.92	Unspecified genitourinary tract infection in pregnancy, second trimester



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Code	Description
O23.93	Unspecified genitourinary tract infection in pregnancy, third trimester
O85	Puerperal sepsis
O86.11	Cervicitis following delivery
O86.12	Endometritis following delivery
O86.13	Vaginitis following delivery
O86.19	Other infection of genital tract following delivery
O86.20	Urinary tract infection following delivery, unspecified
O86.21	Infection of kidney following delivery
O86.22	Infection of bladder following delivery
O86.29	Other urinary tract infection following delivery
O86.4	Pyrexia of unknown origin following delivery
O86.81	Puerperal septic thrombophlebitis
O86.89	Other specified puerperal infections
P36.0	Sepsis of newborn due to streptococcus, group B
P36.10	Sepsis of newborn due to unspecified streptococci
P36.19	Sepsis of newborn due to other streptococci
P36.2	Sepsis of newborn due to Staphylococcus aureus
P36.30	Sepsis of newborn due to unspecified staphylococci
P36.39	Sepsis of newborn due to other staphylococci
P36.4	Sepsis of newborn due to Escherichia coli
P36.5	Sepsis of newborn due to anaerobes
P36.8	Other bacterial sepsis of newborn
P36.9	Bacterial sepsis of newborn, unspecified
P39.3	Neonatal urinary tract infection
R00.0	Tachycardia, unspecified
R10.0	Acute abdomen
R10.10	Upper abdominal pain, unspecified
R10.11	Right upper quadrant pain
R10.12	Left upper quadrant pain
R10.13	Epigastric pain

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<b>Code</b>	<b>Description</b>
R10.2	Pelvic and perineal pain
R10.30	Lower abdominal pain, unspecified
R10.31	Right lower quadrant pain
R10.32	Left lower quadrant pain
R10.33	Periumbilical pain
R10.811	Right upper quadrant abdominal tenderness
R10.812	Left upper quadrant abdominal tenderness
R10.813	Right lower quadrant abdominal tenderness
R10.814	Left lower quadrant abdominal tenderness
R10.815	Periumbilic abdominal tenderness
R10.816	Epigastric abdominal tenderness
R10.817	Generalized abdominal tenderness
R10.819	Abdominal tenderness, unspecified site
R10.821	Right upper quadrant rebound abdominal tenderness
R10.822	Left upper quadrant rebound abdominal tenderness
R10.823	Right lower quadrant rebound abdominal tenderness
R10.824	Left lower quadrant rebound abdominal tenderness
R10.825	Periumbilic rebound abdominal tenderness
R10.826	Epigastric rebound abdominal tenderness
R10.827	Generalized rebound abdominal tenderness
R10.829	Rebound abdominal tenderness, unspecified site
R10.83	Colic
R10.84	Generalized abdominal pain
R10.9	Unspecified abdominal pain
R30.0	Dysuria
R30.1	Vesical tenesmus
R30.9	Painful micturition, unspecified
R31.0	Gross hematuria
R31.1	Benign essential microscopic hematuria
<b>*R31.21</b>	<b>*Asymptomatic microscopic hematuria</b>



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Code	Description
<b>*R31.29</b>	<b>*Other microscopic hematuria</b>
R31.9	Hematuria, unspecified
R32	Unspecified urinary incontinence
R33.0	Drug induced retention of urine
R33.8	Other retention of urine
R33.9	Retention of urine, unspecified
R34	Anuria and oliguria
R35.0	Frequency of micturition
R35.1	Nocturia
R35.8	Other polyuria
R36.0	Urethral discharge without blood
R36.1	Hemospermia
R36.9	Urethral discharge, unspecified
R39.0	Extravasation of urine
R39.11	Hesitancy of micturition
R39.12	Poor urinary stream
R39.13	Splitting of urinary stream
R39.14	Feeling of incomplete bladder emptying
R39.15	Urgency of urination
R39.16	Straining to void
<b>*R39.191</b>	<b>*Need to immediately re-void</b>
<b>*R39.192</b>	<b>*Position dependent micturition</b>
<b>*R39.198</b>	<b>*Other difficulties with micturition</b>
R39.2	Extrarenal uremia
R39.81	Functional urinary incontinence
R39.89	Other symptoms and signs involving the genitourinary system
R39.9	Unspecified symptoms and signs involving the genitourinary system
R40.4	Transient alteration of awareness
R41.0	Disorientation, unspecified
R41.1	Anterograde amnesia



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Code	Description
R41.2	Retrograde amnesia
R41.3	Other amnesia
R41.82	Altered mental status, unspecified
R41.9	Unspecified symptoms and signs involving cognitive functions and awareness
R45.84	Anhedonia
R50.2	Drug induced fever
R50.81	Fever presenting with conditions classified elsewhere
R50.82	Postprocedural fever
R50.83	Postvaccination fever
R50.84	Febrile nonhemolytic transfusion reaction
R50.9	Fever, unspecified
R52	Pain, unspecified
R53.0	Neoplastic (malignant) related fatigue
R53.1	Weakness
R53.81	Other malaise
R53.83	Other fatigue
R57.0	Cardiogenic shock
R57.1	Hypovolemic shock
R57.8	Other shock
R57.9	Shock, unspecified
R65.21	Severe sepsis with septic shock
R68.0	Hypothermia, not associated with low environmental temperature
R68.81	Early satiety
R68.83	Chills (without fever)
R68.89	Other general symptoms and signs
R78.81	Bacteremia
R80.0	Isolated proteinuria
R80.1	Persistent proteinuria, unspecified
R80.2	Orthostatic proteinuria, unspecified
R80.3	Bence Jones proteinuria





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Code	Description
R80.8	Other proteinuria
R80.9	Proteinuria, unspecified
R81	Glycosuria
R82.0	Chyluria
R82.1	Myoglobinuria
R82.2	Biliuria
R82.3	Hemoglobinuria
R82.4	Acetonuria
R82.5	Elevated urine levels of drugs, medicaments and biological substances
R82.6	Abnormal urine levels of substances chiefly nonmedicinal as to source
<b>*R82.71</b>	<b>*Bacteriuria</b>
<b>*R82.79</b>	<b>*Other abnormal findings on microbiological examination of urine</b>
R82.8	Abnormal findings on cytological and histological examination of urine
R82.90	Unspecified abnormal findings in urine
R82.91	Other chromoabnormalities of urine
R82.99	Other abnormal findings in urine
T19.0XXA	Foreign body in urethra, initial encounter
T19.1XXA	Foreign body in bladder, initial encounter
T19.4XXA	Foreign body in penis, initial encounter
Z43.5	Encounter for attention to cystostomy
Z43.6	Encounter for attention to other artificial openings of urinary tract
Z79.3	Long term (current) use of hormonal contraceptives
Z79.891	Long term (current) use of opiate analgesic
Z79.899	Other long term (current) drug therapy
Z93.50	Unspecified cystostomy status
Z93.51	Cutaneous-vesicostomy status
Z93.52	Appendico-vesicostomy status
Z93.59	Other cystostomy status
Z93.6	Other artificial openings of urinary tract status



### **Indications**

1. A beneficiary's urinalysis is abnormal suggesting urinary tract infection, for example, abnormal microscopic (hematuria, pyuria, bacteriuria); abnormal biochemical urinalysis (positive leukocyte esterase, nitrite, protein, blood); a Gram's stain positive for microorganisms; positive bacteriuria screen by a non-culture technique; or other significant abnormality of a urinalysis. While it is not essential to evaluate a urine specimen by one of these methods before a urine culture is performed, certain clinical presentations with highly suggestive signs and symptoms may lend themselves to an antecedent urinalysis procedure where follow-up culture depends upon an initial positive or abnormal test result.
2. A beneficiary has clinical signs and symptoms indicative of a possible urinary tract infection (UTI). Acute lower UTI may present with urgency, frequency, nocturia, dysuria, discharge or incontinence. These findings might also be noted in upper UTI with additional systemic symptoms (for example, fever, chills, lethargy); or pain in the costovertebral, abdominal, or pelvic areas. Signs and symptoms might overlap considerably with other inflammatory conditions of the genitourinary tract (for example, prostatitis, urethritis, vaginitis, or cervicitis). Elderly or immunocompromised beneficiaries or those with neurologic disorders might present atypically (for example, general debility, acute mental status changes, declining functional status).
3. The beneficiary is being evaluated for suspected urosepsis, fever of unknown origin, or other systemic manifestations of infection but without a known source. Signs and symptoms used to define sepsis have been well established.
4. A test of cure is generally not indicated in an uncomplicated infection. However, it may be indicated if the beneficiary is being evaluated for response to therapy and there is a complicating co-existing urinary abnormality including structural or functional abnormalities, calculi, foreign bodies, or ureteral/renal stents or there is clinical or laboratory evidence of failure to respond as described in Indications 1 and 2.
5. In surgical procedures involving major manipulations of the genitourinary tract, preoperative examination to detect occult infection may be indicated in selected cases (for example, prior to renal transplantation, manipulation or removal of kidney stones, or transurethral surgery of the bladder or prostate).
6. Urine culture may be indicated to detect occult infection in renal transplant recipients on immunosuppressive therapy.

### **Limitations**

1. CPT© code 87086 may be used one time per encounter.



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2. Colony count restrictions on coverage of CPT© code 87088 do not apply as they may be highly variable according to syndrome or other clinical circumstances (for example, antecedent therapy, collection time, and degree of hydration).
3. CPT© code 87088 may be used multiple times in association with or independent of 87086, as urinary tract infections may be polymicrobial.
4. Testing for asymptomatic bacteriuria as part of a prenatal evaluation may be medically appropriate but is considered screening and therefore not covered by Medicare. The U.S. Preventive Services Task Force has concluded that screening for asymptomatic bacteriuria outside of the narrow indication for pregnant women is generally not indicated. There are insufficient data to recommend screening in ambulatory elderly beneficiaries including those with diabetes. Testing may be clinically indicated on other grounds including likelihood of recurrence or potential adverse effects of antibiotics, but is considered screening in the absence of clinical or laboratory evidence of infection.
5. To detect a clinically significant post-transplant occult infection in a renal allograft recipient on long-term immunosuppressive therapy, use code Z79.899.

**ICD-10-CM Codes That Do Not Support Medical Necessity**

Any ICD-10-CM code not listed in either of the ICD-10-CM covered or non-covered sections.

**Documentation Requirements**

Appropriate HCPCS/CPT© code(s) must be used as described.

**Sources of Information**

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