

Drugs-of-abuse testing

Quick-reference guide

siemens-healthineers.com



Drug Category	Pharmaceutical Name	Physical Description	Mode of Administration	Detection Time Up To (Urine*)	Clinical Effects
Stimulants					
Amphetamines Also known as bennies, black beauties, crank, ice, speed, uppers	Dextroamphetamine (ADDERALL, DEXEDRINE), BENZEDRINE	Pills, powder	Orally, injected, smoked	1–2 days	Increased blood pressure, pulse rates, insomnia, loss of appetite, physical exhaustion, agitation, increased body temp, hallucinations, convulsions, possible death, psychosis, paranoia, violent and erratic behaviors
Cocaine Also known as coca, coke, crack, flake, snow, soda cot		White, crystalline powder; chunks of a whitish solid	Snorted, injected, smoked	1 day	Intense euphoric effect (“rush”), alertness, excitation, restlessness, irritability, anxiety, paranoia, mental and physical exhaustion, sleep, depression, increased blood pressure, heart rate, dilated pupils, insomnia, loss of appetite, cardiac arrhythmias, ischemic heart conditions, sudden cardiac arrest, convulsions, strokes, death, erosion of upper nasal cavity
Ecstasy Also known as Adam, beans, clarity, disco biscuit, e, ecstasy, Eve, go, hug drug, lover’s speed, MDMA, 3, 4-Methyl enedioxy methamphetamine, peace, STP, X, XTC		Tablets, pills, capsules, powder, liquid	Orally, snorted, smoked, injected	2 days	Confusion, anxiety, depression, paranoia, sleep problems, drug craving, increased motor activity, increased heart rate, increased blood pressure, hyperthermia, liver, kidney, and cardiovascular failure, death, muscle tension, tremors, involuntary teeth clenching, muscle cramps, nausea, faintness, chills, sweating, blurred vision
Methamphetamines Also known as batu, biker’s coffee, black beauties, chalk, chicken feed, crank, crystal, glass, go fast, hiopen, ice, meth, methlies quick, poor man’s cocaine, shabu, shards, speed, stove top, tina, trash, tweak, uppers, ventana, vidrio, yaba, yellow barn	METHEDRINE, DESOXYN, DESFEDRIN, AMPEDROXYN	Pills, powder, crystal fragments, shiny blue-white rocks	Orally, snorted, injected, smoked	3 days	Paranoia, suicidal thoughts, increased wakefulness, increased physical activity, decreased appetite, rapid breathing, rapid heart rate, irregular heartbeat, increased blood pressure, hyperthermia, convulsions, cardiovascular collapse, death, anorexia, memory loss, dental problems, stroke, heart attack, organ failure
Hallucinogens					
Cannabinoids Also known as Aunt Mary, BC bud, blunts, boom, chronic, dope, gangster, ganja, grass, hash, herb, hydro, indo, joint, kif, Mary Jane, mota, pot, reefer, sinsemilla, skunk, smoke, weed, yerba	MARINOL, DRONABINOL	Shredded plant material, oils, resins, balls, cakes, cookies	Smoked, ingestion (food and drink)	3 days (single use), 5 days (moderate use), 10 days (heavy use), 30 days (chronic use)	Problems with memory and learning, distorted perception, difficulty in thinking and problem solving, loss of coordination, dizziness, nausea, tachycardia, facial flushing, dry mouth, tremors, merriment, happiness, exhilaration, disinhibition, relaxation, enhanced sensory perception, time distortions, illusions, delusions, ataxia, emotional lability, incongruity of affect, dysphoria, disorganized thought, agitation, paranoia, confusion, restlessness, anxiety, drowsiness, panic attacks, increased appetite, short-term memory impairment, sedation, bloodshot eyes, increased heart rate, coughing, decreased blood pressure
LSD Also known as acid, blotter acid, dots, lysergic acid diethylamide, mellow yellow, window pane		Tablets, capsules, liquid, odorless, colorless, blotter paper	Orally	1 day	Hallucinations, impaired depth and time perception, distorted perception of the shape and size of objects, movements, color, sound, touch, user’s own image, impaired judgement, flashbacks, dilated pupils, higher body temperature, increased heart rate, increased blood pressure, sweating, loss of appetite, sleeplessness, dry mouth, tremors, psychosis, possible death
Phencyclidine Also known as amoeba, amp, angel dust, animaltrank, belladonna, boat, embalming fluid, peace pills, sherm sticks, super grass, STP, zoom		Powder, liquid, tablets, capsules	Added to cigarettes/ blunts, smoked, orally, snorted, injected	8 days	Mild to intense euphoria, relaxation or drowsiness, feelings of unreality, dissociation, distorted senses, visual and auditory hallucinations, difficulty concentrating and thinking, anxiety, agitation, paranoia, confusion, disorientation, feelings of alienation, depression, bizarre or hostile behavior, obsession with trivial matters, grandiose delusions, panic, terror, fear of death, impaired motor skills, blurred visions, constricted pupils, dizziness, painful reaction to sound, blank staring, speech decreased, muscular rigidity, decreased sensitivity, stupor or coma, irregular heartbeat, alternately high and low blood pressure, slow shallow breathing, nausea, vomiting, salivation, increased body temperature, sweating with chills, convulsions, death, flashbacks, speech issues, depression, suicidal thoughts, isolation, toxic psychosis
Synthetic Cannabinoids Also known as black magic, blaze, crazy clown, demon, dream, fire, genie, K2, Mr. Nice Guy, ninja, paradise, redx dawn, sence, serenity, skunk, smoke, spice, spike, yucatan, zohai		Powder, dry plant material	Smoked, inhaled	1–3 days	Heart attack, acute kidney injury, acute psychotic episodes, dependence, withdrawal, hallucinations, severe agitation, disorganized thoughts, paranoid delusions, violence, tachycardia, elevated blood pressure, unconsciousness, tremors, seizures, vomiting, hallucinations, agitation, anxiety, pallor, numbness, tingling
Synthetic Cathinones Also known as bath salts, bliss, blue silk, cloud nine, drone, energy-1, ivory wave, lunar wave, meow meow, ocean burst, pure ivory, purple wave, red dove, snow leopard, stardust, vanilla sky, white dove, white knight, white lightning		Powder, gelatin capsules	Snorted, orally, smoked, injected	2–3 days	Euphoria, alertness, confusion, acute psychosis, agitation, combativeness, aggressive, violent, self-destructive, rapid heartbeat, hypertension, hyperthermia, prolonged dilation of the pupil, breakdown of muscle fibers, fiber contents into bloodstream, teeth grinding, sweating, headaches, palpitations, seizures, paranoia, hallucinations, delusions, death
Narcotics/Analgesics					
Buprenorphine	BUPRENEX, SUBOXONE, SUBUTEX, BUTRANS	Tablets, hexagonal orange tablet (SUBOXONE), oval white tablet (SUBUTEX)	Orally, injected, dissolved under tongue, snorted	7 days	Flu-like symptoms, headaches, sweating, difficulty sleeping, nausea, mood swings, difficulty breathing, death
Fentanyl Also known as Apache, China girl, Chinatown, dance fever, friend, goodfellas, great bear, he-man, jackpot, King Ivory, murder 8, tango and crash	ACTIQ, FENTORA, ABSTRAL, SUBSYS, LAZANDA, DURAGESIC, ONSOLIS, SUBLIMAZE	Lozenges, effervescent buccal tablets, sublingual tablets, sublingual sprays, nasal sprays, transdermal patches, injectable forms	Injected, snorted, smoked, orally, spiked onto blotter paper	3 days	Relaxation, euphoria, pain relief, sedation, confusion, drowsiness, dizziness, nausea, vomiting, urinary retention, pupillary constriction, respiratory depression, cold clammy skin, cyanosis, coma, respiratory failure, death
Heroin Also known as black tar, chiva, hell dust, horse, negra, smack, thunder		White or brownish powder, black sticky tar-like substance	Injected, smoked, sniffed/snorted	2 days	Drowsiness, respiratory depression, constricted pupils, nausea, warm flushing of skin, dry mouth, heavy extremities, slow and shallow breathing, blue lips and fingernails, clammy skin, convulsions, coma, possible death
Hydromorphone Also known as D, dillies, dust, footballs, juice, smack	DILAUDID, HYMORPHAN	Tablets, capsules, oral solutions, injectable formulations	Orally or injected	3 days	Constipation, constricted pupils, urinary retention, nausea, vomiting, respiratory depression, dizziness, impaired coordination, loss of appetite, rash, slow or rapid heartbeat, changes in blood pressure, drowsiness, stupor or coma, lack of skeletal muscle tone, cold and clammy skin, reduction in blood pressure and heart rate
Methadone Also known as Amidone, chocolate chip cookies, fizzies, Maria, pastora, salvia, street methadone, wafer	DOLOPHINEL	Tablet, oral solution, injectable liquid	Orally or injected	7 days	Sweating, itchy skin, sleepiness, anxiety, muscle tremors, nausea, diarrhea, vomiting, abdominal cramps, slow and shallow breathing, blue fingernails and lips, stomach spasms, clammy skin, convulsions, weak pulse, coma, possible death
Morphine Also known as dreamer, emsel, first line, God’s drug, hows, M.S., mister blue, morf, morpho, unkie	MS-CONTIN, ORAMORPH SR, MSIR, ROXANOL, KADIAN, RMS, AVINZA, EMBEDA	Oral solutions, immediate and extended release tablets, capsules, injectable preparations	Orally or injected	3 days	Physical pain, decreased hunger, inhibition of cough reflex, cold and clammy skin, lowered blood pressure, sleepiness, slowed breathing, slow pulse rate, coma, possible death
Opium Also known as ah-pen-yen, aunti, Aunti Emma, big O, black pill, chandoo, chandu, Chinese molasses, Chinese tobacco, dopium, Dover’s powder, dream gun, dream stick, dreams, easing powder, fi-do-nie, gee, God’s medicine, gondola, goric, great tobacco, guma, hop/ hops, joy plant, midnight oil, mira, O, O.P., ope, pen yan, pin gon, pox, skee, toxy, toys, when-shee, ze, zero		Fine brownish powder, solid, liquid, pills	Smoked, orally, or injected	5 days	Constipation, dry mouth, slow breathing, seizures, dizziness, weakness, loss of consciousness, coma, possible death
Oxycodone Also known as hillbilly heroin, kicker, OC, ox, oxy, perc, roxy	PERCODAN, ROXICET, TYLOX, PERCOCET, OXYCONTIN, OXYIR, ROXICODONE	Extended release tablets	Orally, injected, inhaled, sniffed	3 days	Extreme drowsiness, muscle weakness, confusion, cold and clammy skin, pinpoint pupils, shallow breathing, slow heart rate, fainting, coma, possible death, pain relief, respiratory depression, constipation, papillary constriction, cough suppression
Propoxyphene	DARVON, DARVON-N, PP-CAP	Capsule, tablet	Orally	1–7 days	Liver disease, influenza-like illness, dizziness, sedation, stupor, delirium, somnolence, ataxia, coma, syncope, respiratory depression, increased hip fracture rate in elderly, withdrawal, agitation, restlessness, anxiety, insomnia, tremor, tachycardia, hallucinations, psychosis, abdominal cramps, vomiting, sweating, seizures, arrhythmia, bradycardia, cardiac arrest, congestive arrest, congestive heart failure, myocardial infarction, hypotension, decreased blood pressure, elevated heart rate, abnormal heart rate, jaundice, constricted pupils, steatosis, hepatomegaly, hepatocellular injury, hepatotoxicity
Depressants					
Barbiturates Also known as barbs, blockbuster, Christmas trees, goof balls, pinks, red devils, reds and blues, yellow jackets	AMYTAL, SECONAL	Multicolored pills and tablets	Orally, injected	Long-acting: 15 days Intermediate: 3–7 days Short-acting: 3 days	Mild euphoria, lack of inhibition, relief of anxiety, sleepiness, impairment of memory, judgment, coordination, irritability, paranoia, suicidal ideations, shallow respiration, clammy skin, dilated pupils, weak and rapid pulse, coma, possible death
Benzodiazepines Also known as benzos, circles, downers, forget pill, forget-me pill, la rocha, lunch money drug, Mexican valium, pingus, R2, Reynolds, roach, roach 2, roaches, roopies, robutal, rochas dos, rochies, Rohypnol, roofies, rophies, ropies, roples, row-shay, roofies, wolfies	Alprazolam, diazepam, VALIUM, XANAX, HALCION, ATIVAN, KLOXOPIN, PROSOM, DALMANE, RESTORIL, VERSED, LIBRIUM, TRANXENE, PAXIPAM, SERAX, CENTRAX, DORAL, ROHYPNOL	Syrup, pills	Orally, snorted	Long-acting: 10 days Intermediate: 5 days Short-acting: 3 days	Amnesia, hostility, irritability, vivid or disturbing dreams, sleepiness, shallow respiration, clammy skin, dilated pupils, weak and rapid pulse, coma, possible death
Ethyl Alcohol	Ethanol	Liquid, commonly found in fermented beverages	Orally	1–2 days	Cardiomyopathy, arrhythmias, stroke, high blood pressure, steatosis, alcoholic hepatitis, fibrosis, cirrhosis, pancreatitis, mood swings, inhibition of motor skills, harder to think clearly
GHB Also known as easy lay, G, gamma-hydroxybutyrate, Georgia home boy, goop, grievous bodily harm, liquid ecstasy, liquid X, scoop	XYRME	Liquid, white powder	Dissolved into alcohol, juice, water, orally	2 days	Euphoria, drowsiness, decreased anxiety, confusion, memory impairment, hallucinations, excited and aggressive behavior, unconsciousness, seizures, slowed heart rate, greatly slowed breathing, lower body temperature, vomiting, nausea, coma, death, insomnia, anxiety, tremors, psychotic thoughts, topical irritation, liver damage, kidney failure
Methaqualone Also known as bandits, beiruts, blou bulle, disco biscuits, Ewings, flamingos, flowers, genuines, Lemmon 714, lemons, lennons, lovers, ludes, mandies, qua, Quaaludes, quack, quad, randy mandies, 714, soaper, sopos, sopors, vitamin Q, wagon wheels	QUAALUDE, MANDRAX, CATEUDIL, DORMUTIL, HYMINAL, ISONOX, MELSED, MELSEDIN, MEQUELONE, MEQUIN, METHADORM, MOZMBIN, OPTIMIL, PAREST, RENOVAL, SOMNAFAC, TOQUILONE, COMPOSITUM, TRIADOR, TUAZOLE	Pills, tablets	Orally	14 days	Dizziness, nausea, vomiting, diarrhea, abdominal cramps, fatigue, itching, rashes, sweating, dry mouth, tingling sensation in arms and legs, seizures, reduced heart rate, reduced respiration, erectile dysfunction, difficulty achieving orgasms, mental confusion, ataxia, withdrawal symptoms, irritability, insomnia, tremors

Sources and References:
In: Inouiti Labs. Common drugs of abuse [chart]. 2017 Apr. Retrieved July 10, 2018, from <https://www.inouitilabs.com/drug-detection-tests/>
(2003). Buprenorphine. CESAR FAX, 12(13). Retrieved July 10, 2018, from <http://www.cesar.umd.edu/cesar/pubs/BuprenorphineCESARFAX.pdf>
Drugs of abuse: A DEA resource guide (pp. 1-93). (2017). Washington, D.C.: U.S. Dept. of Justice, Drug Enforcement Administration.
Mayo Clinic. Drug testing: an overview of Mayo Clinic tests designed for detecting drug abuse [brochure]. 2016. Author. Retrieved July 10, 2018, from <https://www.mayomedicallaboratories.com/test-info/drug-book/pool/DrugBook.pdf>
Alcohol's effects on the body. Retrieved July 10, 2018, from <https://www.niaaa.nih.gov/alcohol-health/alt-alcohol-effects-body>
Propoxyphene side effects in detail. 2018 Jul 4. Retrieved July 10, 2018, from <https://www.drugs.com/sfx/propoxyphene-side-effects.html>
Quaaludes (methaqualone) uses, effects & history of abuse. 2011 Nov 12. Retrieved July 10, 2018, from <https://www.drugs.com/illicit/quaaludes.html>
PCP. Retrieved July 10, 2018, from <http://www.cesar.umd.edu/cesar/drugs/pcp.pdf>
*For all drugs, hydration status and liver and kidney function play an important role, and elimination times may vary.