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| Opiates (300 ng/mL)          | Morphine (MS-Conti) Codeine Hydrocodone (Vicodin) Hydromorphone (Dilaudid) | 1-3 days                   | Detects Morphine, Codeine, 6-Acetyl Morphine well  
Morphine: 100% CR, 300 ng/mL  
Codeine: 134% CR, 224 ng/mL Eq  
6-Acetyl Morphine: 78% CR, 386 ng/mL Eq  
Moderate sensitivity for Hydrocodone and Hydromorphone  
Hydrocodone: 28% CR, 1,086 ng/mL Eq  
Hydromorphone: 21% CR, 1,425 ng/mL Eq  
Does not detect Oxycodeone, Methadone, Meperidine, Buprenorphine, Tramadol, Tapentadol or Fentanyl | Opiates Confirmation --- Use ALI Test Code OPIATES  
• Identifies and quantitates Morphine, Codeine, Oxycodeone, Oxymorphone, Hydrocodone, Hydromorphone, 6-AM (6 acetyl morphine) using a 20 ng/mL cutoff.  
Buprenorphine Confirmation --- Use ARUP code 2010092  
• Identifies and quantitates Buprenorphine and Nurbuprenorphine using a 2 ng/mL cutoff, glucuronide metabolites using a 5 ng/mL cutoff, and Naloxone using a 100 ng/mL cutoff.  
Fentanyl Confirmation --- Use ARUP code 0092570  
• Identifies and quantitates Fentanyl and Norfentanyl using a 1 ng/mL cutoff.  
Meperidine Confirmation --- Use ARUP code 3000248  
• Identifies and quantitates Meperidine and Normeperidine using a 40 ng/mL cutoff.  
Tramadol Confirmation --- Use ARUP code 2002736  
• Identifies and quantitates Tramadol using a 50 ng/mL cutoff and O-desethyltramadol using a 100 ng/mL cutoff.  
Tapentadol Confirmation --- Use ARUP code 2003128  
• Identifies and quantitates Tapentadol using a 50 ng/mL cutoff and metabolites using a 100 ng/mL cutoff. |
| Oxycodeone / Oxyphorine (100 ng/mL) | Oxycodeone (Oxycontin, Percocet, Percodan) Oxyphorine (Naloxone, Opana) | 1-3 days                   | Detects Oxycodeone and Oxyphorine  
Oxycodeone: 100% CR, 100 ng/mL  
Oxyphorine: 103% CR, 97 ng/mL  
Does not show cross reactivity with other Opiates |  
| Buprenorphine (10 ng/mL) | Cizodol, Subutex, Suboxone, Temgesic, Buprenex, Noroxin, Butrans | 1-7 days                   | Detects Buprenorphine and Buprenorphine-3-β-D Glucuronicide  
Buprenorphine: 100 CR, 10 ng/mL  
Buprenorphine-3-β-D Glucuronic: 98% CR, <1 ng/mL |  
| Fentanyl (2 ng/mL) | Sublimaze (IV admin.) Duragastic (transdermal patch) Actiq (transmucosal lozenge) | 1-3 days                   | Detects Fentanyl, with some sensitivity to Fentanyl analogs  
Fentanyl: 100% CR, 2 ng/mL  
Carfentanil: 33% CR, 6 ng/mL | Fentanyl Confirmation --- Use ARUP code 0092570  
• Identifies and quantitates Fentanyl and Norfentanyl using a 1 ng/mL cutoff.  
Tramadol Confirmation --- Use ARUP code 2002736  
• Identifies and quantitates Tramadol using a 50 ng/mL cutoff and O-desethyltramadol using a 100 ng/mL cutoff.  
Tapentadol Confirmation --- Use ARUP code 2003128  
• Identifies and quantitates Tapentadol using a 50 ng/mL cutoff and metabolites using a 100 ng/mL cutoff. |
| Methadone metabolite (EDDP) (300 ng/mL) | Methadone | 1-3 days                   | Detects EDDP, a metabolite of Methadone: 100% CR at 300 ng/mL | Methadone Confirmation --- Use ARUP code 0090362  
• Identifies and quantitates Methadone and EDDP (metabolite) using a 10 ng/mL cutoff.  
| Cocaine Metabolite (300 ng/mL) | Cocaine | 1-2 days                   | Detects Benzoylecgonine, a metabolite of cocaine: 100% CR at 300 ng/mL  
Cocaine is rapidly metabolized and excreted by the kidneys, therefore assays rely on detection of its metabolite. | Cocaine Metabolite Confirmation --- Use ARUP code 0090359  
• Identifies and quantitates Benzoylecgonine using a cutoff of 50 ng/mL.  
| Barbiturates (200 ng/mL) | Amobarbital (Amytal) Butabarbital (Butisol) Pentobarbital (Nembutal) Phenobarbital (Luminal) Secobarbital (Seconal) | 1-6 days                   | Sensitivity depends on the type of Barbiturate  
Secobarbital: 100% CR, 200 ng/mL  
Butalbital: 71% CR, 281 ng/mL Eq  
Pentobarbital: 36% CR, 561 ng/mL Eq  
Amobarbital: 29% CR, 702 ng/mL Eq  
Phenobarbital: 22% CR, 925 ng/mL Eq | Barbiturate Confirmation --- Use ARUP code 2012213  
• Identifies and quantitates Secobarbital, Butalbital, Amobarbital, Pentobarbital, and Phenobarbital using a cutoff of 50 ng/mL.  
| Amphetamines (500 ng/mL) | Amphetamine (Adderal, Benzedrine, Dexedrine, Vyvanse) Methamphetamine (Desoxyn, Methedrine, Vicks inhaler) MDA, MDMA, Ecastasy, Selegeline, Speed | 1-4 days                   | Detects Amphetamines and Methamphetamine  
Methamphetamine: 100% CR, 500 ng/mL Eq  
MDA: 36% CR, 1400 ng/mL  
MDMA: 62% CR, 800 ng/mL Eq  
MDA: nothing stated in package insert  
Does not detect Methylphenidate (Ritalin), Ephedrine, Pseudoephedrine or Phenetermine | Amphetamines Confirmation --- Use ARUP code 2010075  
• Identifies and quantitates Amphetamine, Methamphetamine, MDA, MDMA and MDEA using a cutoff of 200 ng/mL.  
Methylphenidate (Ritalin) Confirmation --- Use ALI test code METHPHENIR  
• Identifies and quantitates Methylphenidate using a 10 ng/mL cutoff and Ritalinic Acid using a 100 ng/mL cutoff.  
| Benzodiazepines (300 ng/mL) | Diazepam (Valium) Oxazepam (Serax) | 1-7 days                   | Detects a variety of Benzodiazepines:  
Nor Diazepam: 100% CR, 300 ng/mL  
Diazepam: 88% CR, 340 ng/mL Eq  
Alprazolam: 89% CR, 338 ng/mL Eq  
Oxazepam: 75% CR, 398 ng/mL Eq  
Rohipnol (Flunitrazepam): 71% CR, 424 ng/mL Eq  
Clonazepam: 67% CR, 445 ng/mL Eq  
Midazolam: 64% CR, 467 ng/mL Eq  
Lorazepam: 62% CR, 487 ng/mL Eq  
Does not detect Gamma-hydroxybutyrate (GHB)  
This is not an exhaustive list of benzodiazepines detected by this | Benzodiazepines Confirmation --- Use ALI test code BENZOS  
• Identifies and quantitates Alprazolam, Alpha-hydroxyalprazolam, Clonazepam, 7-aminoclonazepam, Desalkylflurazepam, Diazepam, Alpha-hydroxyflurazepam, Lorazepam, Nordiazepam, Oxazepam, Temazepam, and Alpha-hydroxytriazolam using a 20 ng/mL cutoff.  

Updated 5/14/2018
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<td>THC (Cannabinoids) (50 ng/mL)</td>
<td>9-carboxy-THC, Cannabinoids, Cannabis, Dronabinol, Marijuana, Marinol, THC</td>
<td>1-30 days, depending upon usage</td>
<td>• Detects the major THC metabolite Δ9 COOH-THC: 100% CR at 50 ng/mL. Other metabolites may be detected with lesser sensitivity.</td>
<td>THC metabolite confirmation --- Use ARUP code 0090369 • Identifies and quantitates 11-Nor-9-carboxy-THC using a 5 ng/mL cutoff.</td>
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