



Effective Date:
Monday, March 15, 2021

Test Updates

Immediate Action

Modified

Update: Acodes CPT changes

For the acodes 52500B, 52500SP, 52500U, 54458B and 54458U, the new CPT code is 80354, 80364

In our continuing effort to provide you with the highest quality toxicology laboratory services available, we have compiled important changes regarding a number of tests we perform. Listed below are the types of changes that may be included in this notification, effective Monday, March 15, 2021

Test Changes - Tests that have had changes to the method/ CPT code, units of measurement, scope of analysis, reference comments, or specimen requirements.

Discontinued Tests - Tests being discontinued with alternate testing suggestions.

Please use this information to update your computer systems/records. These changes are important to ensure standardization of our mutual laboratory databases.

If you have any questions about the information contained in this notification, please call our Client Support Department at (866) 522-2206. Thank you for your continued support of NMS Labs and your assistance in implementing these changes.

The CPT Codes provided in this document are based on AMA guidelines and are for informational purposes only. NMS Labs does not assume responsibility for billing errors due to reliance on the CPT Codes listed in this document.



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Test Updates

| Test Code | Test Name | Test Name | Method / CPT Code | Specimen Req. | Stability | Scope | Units | Reference Comments | Discontinue |
|-----------|---|-----------|-------------------|---------------|-----------|-------|-------|--------------------|-------------|
| 50010B | Amphetamines Confirmation, Blood | | | | | • | | | |
| 50010FL | Amphetamines Confirmation, Fluid | | | | | • | | | |
| 50010SP | Amphetamines Confirmation, Serum/Plasma | | | | | • | | | |
| 50010TI | Amphetamines Confirmation, Tissue | | | | | • | | | |
| 50010U | Amphetamines Confirmation, Urine | | | | | • | | | |
| 50011B | Barbiturates Confirmation, Blood | | | | | • | | | |
| 50011FL | Barbiturates Confirmation, Fluid | | | | | • | | | |
| 50011SP | Barbiturates Confirmation, Serum/Plasma | | | | | • | | | |
| 50011TI | Barbiturates Confirmation, Tissue | | | | | • | | • | |
| 50011U | Barbiturates Confirmation, Urine | | | | | • | | | |
| 52011B | Bupivacaine Confirmation, Blood | | | | | | | | • |
| 52011FL | Bupivacaine Confirmation, Fluid | | | | | | | | • |
| 52011SP | Bupivacaine Confirmation, Serum/Plasma | | | | | | | | • |
| 52011TI | Bupivacaine Confirmation, Tissue | | | | | | | | • |
| 52011U | Bupivacaine Confirmation, Urine | | | | | | | | • |
| 54334U | Buprenorphine and Norbuprenorphine - Total (Conjugated/Unconjugated) Confirmation (Qualitative) (DUID/DRE), Urine | | | | | • | | | |
| 54456B | DUID/DRE Designer Benzodiazepines Confirmation, Blood | | | | | • | | | |
| 54456U | DUID/DRE Designer Benzodiazepines Confirmation, Urine | | | | | • | | | |
| 54458B | DUID/DRE Designer Opioids Confirmation, Blood | • | | | | • | | | |
| 54458U | DUID/DRE Designer Opioids Confirmation, Urine | • | | | | • | | | |
| 8152B | DUID/DRE Expanded Drug Screen Add-On ProofPOSITIVE®, Blood (Forensic) | | | | | • | | | |
| 8075U | DUID/DRE Expanded Drug Screen Add-On, Urine (Forensic) | | | | | • | | | |
| 8070U | DUID/DRE Panel (w/Alcohol), Urine (Forensic) | | | • | | • | | | |
| 8071U | DUID/DRE Panel, Urine (Forensic) | | | • | | • | | | |
| 52493U | Designer Benzodiazepines Confirmation (Qualitative), Urine | | | | | • | | | |
| 52502U | Designer Benzodiazepines Confirmation 1 (Qualitative), Urine | | | | | • | | | |
| 52502B | Designer Benzodiazepines Confirmation 1, Blood | | | | | • | | | |
| 52502SP | Designer Benzodiazepines Confirmation 1, Serum/Plasma | | | | | • | | | |



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| Test Code | Test Name | Test Name | Method / CPT Code | Specimen Req. | Stability | Scope | Units | Reference Comments | Discontinue |
|-----------|---|-----------|-------------------|---------------|-----------|-------|-------|--------------------|-------------|
| 52493B | Designer Benzodiazepines Confirmation, Blood | | | | | • | | | |
| 52493SP | Designer Benzodiazepines Confirmation, Serum/Plasma | | | | | • | | | |
| 52500B | Designer Opioids Confirmation, Blood | • | | | | • | | | |
| 52500SP | Designer Opioids Confirmation, Serum/Plasma | • | | | | • | | | |
| 52500U | Designer Opioids Confirmation, Urine | • | | | | • | | | |
| 8098B | Drug Screen (GC/MS), Blood | | | | | • | | | |
| 8098SP | Drug Screen (GC/MS), Serum/Plasma | | | | | • | | | |
| 8098U | Drug Screen (GC/MS), Urine | | | | | • | | | |
| 1876B | Drug Screen - Expanded, Blood | | | • | | • | | | |
| 1876FL | Drug Screen - Expanded, Fluid | | | | | • | | | |
| 1876SP | Drug Screen - Expanded, Serum/Plasma | | | • | | • | | | |
| 1876U | Drug Screen - Expanded, Urine | | | • | | • | | | |
| 90023B | Expanded Drug Screen (DUID/DRE), Blood (Forensic) (CSA) | | | | | • | | | |
| 54142U | Fentanyl and Acetyl Fentanyl Confirmation (Qualitative) (DUID/DRE), Urine | | | | | • | | | |
| 1860B | GC/MS Drug Screen (Acid/Neutral), Blood | | | • | | • | | | |
| 10053U | GC/MS Drug Screen, Urine (CSA) | | | | | • | | | |
| 8758B | Hallucinogens Screen, Blood | | | • | | | | | |
| 8758SP | Hallucinogens Screen, Serum/Plasma | | | • | | | | | |
| 8758U | Hallucinogens Screen, Urine | | | • | | | | | |
| 54010B | LSD Confirmation (DUID/DRE), Blood | | | • | | | | | |
| 54010U | LSD Confirmation (Qualitative) (DUID/DRE), Urine | | | • | | | | | |
| 52065B | LSD Confirmation, Blood | | | • | | | | | |
| 5811B | LSD Confirmation, Blood | | | • | | | | | |
| 52065SP | LSD Confirmation, Serum/Plasma | | | • | | | | | |
| 5811SP | LSD Confirmation, Serum/Plasma | | | • | | | | | |
| 52065U | LSD Confirmation, Urine | | | • | | | | | |
| 5811U | LSD Confirmation, Urine | | | • | | | | | |
| 2541B | LSD Screen, Blood | | | • | | | | | |
| 2541SP | LSD Screen, Serum/Plasma | | | • | | | | | |
| 2541U | LSD Screen, Urine | | | • | | | | | |



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| Test Code | Test Name | Test Name | Method / CPT Code | Specimen Req. | Stability | Scope | Units | Reference Comments | Discontinue |
|-----------|--|-----------|-------------------|---------------|-----------|-------|-------|--------------------|-------------|
| 2540B | LSD Trace Analysis, Blood | | | • | | | | | |
| 2540SP | LSD Trace Analysis, Serum/Plasma | | | • | | | | | |
| 2540U | LSD Trace Analysis, Urine | | | • | | | | | |
| 20003U | LSD Trace Analysis, Urine (Duplicate results-Replicate 1) (CSA) | | | • | | | | | |
| 20004U | LSD Trace Analysis, Urine (Duplicate results-Replicate 2) (CSA) | | | • | | | | | |
| 52270B | Maprotiline Confirmation, Blood | | | | | | | | • |
| 52270FL | Maprotiline Confirmation, Fluid | | | | | | | | • |
| 52270SP | Maprotiline Confirmation, Serum/Plasma | | | | | | | | • |
| 52270TI | Maprotiline Confirmation, Tissue | | | | | | | | • |
| 52270U | Maprotiline Confirmation, Urine | | | | | | | | • |
| 52088B | Nifedipine Confirmation, Blood | | | | | | | | • |
| 52088FL | Nifedipine Confirmation, Fluid | | | | | | | | • |
| 52088SP | Nifedipine Confirmation, Serum/Plasma | | | | | | | | • |
| 52088TI | Nifedipine Confirmation, Tissue | | | | | | | | • |
| 8756B | Novel Psychoactive Substances (NPS) Screen 1, Blood | | | | | • | | | |
| 8756SP | Novel Psychoactive Substances (NPS) Screen 1, Serum/Plasma | | | | | • | | | |
| 8756U | Novel Psychoactive Substances (NPS) Screen 1, Urine | | | | | • | | | |
| 52289B | Orphenadrine Confirmation, Blood | | | | | | | | • |
| 52289FL | Orphenadrine Confirmation, Fluid | | | | | | | | • |
| 52289SP | Orphenadrine Confirmation, Serum/Plasma | | | | | | | | • |
| 52289TI | Orphenadrine Confirmation, Tissue | | | | | | | | • |
| 52289U | Orphenadrine Confirmation, Urine | | | | | | | | • |
| 8063B | Postmortem, Basic to Expanded Upgrade, Blood (Forensic) | | | • | | • | | | |
| 8063FL | Postmortem, Basic to Expanded Upgrade, Fluid (Forensic) | | | | | • | | • | |
| 8063SP | Postmortem, Basic to Expanded Upgrade, Serum/Plasma (Forensic) | | | • | | • | | • | |
| 8063TI | Postmortem, Basic to Expanded Upgrade, Tissue (Forensic) | | | | | • | | • | |
| 8063U | Postmortem, Basic to Expanded Upgrade, Urine (Forensic) | | | • | | • | | | |
| 8042B | Postmortem, Expanded w/Vitreous Alcohol Confirmation, Blood (Forensic) | | | • | | • | | | |
| 10052B | Postmortem, Expanded w/Vitreous Alcohol Confirmation, Blood (Forensic) (CSA) | | | • | | • | | | |



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|-----------|---|-----------|-------------------|---------------|-----------|-------|-------|--------------------|-------------|
| 8057B | Postmortem, Expanded w/Vitreous Alcohol Confirmation, Blood - University of MI (Forensic) (CSA) | | | • | | • | | | |
| 8062B | Postmortem, Expanded w/o Alcohol, Blood (Forensic) | | | • | | • | | | |
| 8062FL | Postmortem, Expanded w/o Alcohol, Fluid (Forensic) | | | | | • | | | |
| 8062TI | Postmortem, Expanded w/o Alcohol, Tissue (Forensic) | | | | | • | | | |
| 8062U | Postmortem, Expanded w/o Alcohol, Urine (Forensic) | | | • | | • | | | |
| 8054B | Postmortem, Expanded with NPS, Blood (Forensic) | | | • | | • | | | |
| 8052B | Postmortem, Expanded, Blood (Forensic) | | | • | | • | | | |
| 90025B | Postmortem, Expanded, Blood (Forensic) (CSA) | | | • | | • | | | |
| 8052FL | Postmortem, Expanded, Fluid (Forensic) | | | | | • | | • | |
| 8052SP | Postmortem, Expanded, Serum/Plasma (Forensic) | | | • | | • | | • | |
| 8052TI | Postmortem, Expanded, Tissue (Forensic) | | | | | • | | • | |
| 8052U | Postmortem, Expanded, Urine (Forensic) | | | • | | • | | | |
| 39052B | Postmortem, Expanded-II, Blood (Forensic) (SSA) | | | • | | • | | | |
| 39042B | Postmortem, Expanded-II, with Vitreous Alcohol Confirmation, Blood (Forensic) (SSA) | | | • | | • | | | |
| 8043B | Postmortem, Expert w/Vitreous Alcohol Confirmation, Blood (Forensic) | | | | | • | | | |
| 10092B | Postmortem, Expert w/Vitreous Alcohol Confirmation, Blood (Forensic) (CSA) | | | • | | • | | | |
| 10151B | Postmortem, Expert w/Vitreous Alcohol Confirmation, Blood (Forensic) (CSA) | | | • | | • | | | |
| 8092B | Postmortem, Expert, Blood (Forensic) | | | | | • | | | |
| 8092FL | Postmortem, Expert, Fluid (Forensic) | | | | | • | | | |
| 8092SP | Postmortem, Expert, Serum/Plasma (Forensic) | | | | | • | | | |
| 8092TI | Postmortem, Expert, Tissue (Forensic) | | | | | • | | | |
| 8092U | Postmortem, Expert, Urine (Forensic) | | | | | • | | | |
| 4177B | Postmortem, SUIDS Screen, Blood (Forensic) | | | • | | • | | | |



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Test Updates

Test Changes

50010B Amphetamines Confirmation, Blood

Summary of Changes: Scope of Analysis was changed.
Ephedrine, Norpseudoephedrine, Phentermine, Phenylpropanolamine and
Pseudoephedrine were removed.

Scope of Analysis: LC-MS/MS (80324, 80359): Amphetamine, Methamphetamine, MDA, MDMA, MDEA
Method (CPT Code)

50010FL Amphetamines Confirmation, Fluid

Summary of Changes: Scope of Analysis was changed.
Ephedrine, Norpseudoephedrine, Phentermine, Phenylpropanolamine and
Pseudoephedrine were removed.

Scope of Analysis: LC-MS/MS (80324, 80359): Amphetamine, Methamphetamine, MDA, MDMA, MDEA
Method (CPT Code)

50010SP Amphetamines Confirmation, Serum/Plasma

Summary of Changes: Scope of Analysis was changed.
Ephedrine, Norpseudoephedrine, Phentermine, Phenylpropanolamine and
Pseudoephedrine were removed.

Scope of Analysis: LC-MS/MS (80324, 80359): Amphetamine, Methamphetamine, MDA, MDMA, MDEA
Method (CPT Code)

50010TI Amphetamines Confirmation, Tissue

Summary of Changes: Scope of Analysis was changed.
Ephedrine, Norpseudoephedrine, Phentermine, Phenylpropanolamine and
Pseudoephedrine were removed.

Scope of Analysis: LC-MS/MS (80324, 80359): Amphetamine, Methamphetamine, MDA, MDMA, MDEA
Method (CPT Code)

50010U Amphetamines Confirmation, Urine

Summary of Changes: Scope of Analysis was changed.
Ephedrine, Norpseudoephedrine, Phentermine, Phenylpropanolamine and
Pseudoephedrine were removed.

Scope of Analysis: LC-MS/MS (80324, 80359): Amphetamine, Methamphetamine, MDA, MDMA, MDEA
Method (CPT Code)

50011B Barbiturates Confirmation, Blood

Summary of Changes: Scope of Analysis was changed.
Amobarbital and Butobarbital were removed.

Scope of Analysis: GC/MS (80345): Butalbital, Pentobarbital, Secobarbital, Phenobarbital
Method (CPT Code)



Test Changes

50011FL Barbiturates Confirmation, Fluid

Summary of Changes: Scope of Analysis was changed.
 Amobarbital and Butabarbital were removed.

Scope of Analysis: GC/MS (80345): Butalbital, Pentobarbital, Secobarbital, Phenobarbital
 Method (CPT Code)

50011SP Barbiturates Confirmation, Serum/Plasma

Summary of Changes: Scope of Analysis was changed.
 Amobarbital and Butabarbital were removed.

Scope of Analysis: GC/MS (80345): Butalbital, Pentobarbital, Secobarbital, Phenobarbital
 Method (CPT Code)

50011TI Barbiturates Confirmation, Tissue

Summary of Changes: Scope of Analysis was changed.
 Reference Comment was changed.
 Amobarbital and Butabarbital were removed.

Scope of Analysis: GC/MS (80345): Butalbital, Pentobarbital, Secobarbital, Phenobarbital
 Method (CPT Code)

| Compound Name | Units | Reference Comment |
|---------------|-------|-----------------------------|
| Phenobarbital | mcg/g | [Reference comment removed] |

50011U Barbiturates Confirmation, Urine

Summary of Changes: Scope of Analysis was changed.
 Amobarbital and Butabarbital were removed.

Scope of Analysis: GC/MS (80345): Butalbital, Pentobarbital, Secobarbital, Phenobarbital
 Method (CPT Code)

54334U Buprenorphine and Norbuprenorphine - Total (Conjugated/Unconjugated) Confirmation (Qualitative) (DUID/DRE), Urine

Summary of Changes: Scope of Analysis was changed.
 Butorphanol - Total and Nalbuphine - Total were removed.

Scope of Analysis: LC-MS/MS (80348, 80362): Buprenorphine - Total, Norbuprenorphine - Total
 Method (CPT Code)

54456B DUID/DRE Designer Benzodiazepines Confirmation, Blood

Summary of Changes: Scope of Analysis was changed.
 Alpha-Hydroxyetizolam was added.

Scope of Analysis: LC-MS/MS (80346): Clonazolam, Flubromazolam, Alpha-Hydroxyetizolam, Etizolam,
 Method (CPT Code) Delorazepam, Diclazepam



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Test Updates

Test Changes

| Compound Name | Units | Reference Comment |
|-----------------------|-------|---|
| Alpha-Hydroxyetizolam | ng/mL | Alpha-hydroxyetizolam is a major metabolite of etizolam, a benzodiazepine that is prescribed in certain Asian and European countries. Etizolam is not approved for use in the United States, and is typically encountered as a novel psychoactive substance. Alpha-hydroxyetizolam has pharmacological activity nearly equal to that of etizolam and accumulates in plasma due to its longer elimination half-life, approximately twice that of its parent. |

54456U DUID/DRE Designer Benzodiazepines Confirmation, Urine

Summary of Changes: Scope of Analysis was changed.
Alpha-Hydroxyetizolam was added.

Scope of Analysis: LC-MS/MS (80346): Clonazolam, Flubromazolam, Alpha-Hydroxyetizolam, Etizolam,
Method (CPT Code) Delorazepam, Diclazepam

| Compound Name | Units | Reference Comment |
|-----------------------|-------|--|
| Alpha-Hydroxyetizolam | ng/mL | Alpha-hydroxyetizolam is a major metabolite of etizolam, a benzodiazepine that is prescribed in certain Asian and European countries. Etizolam is not approved for use in the United States, and is typically encountered as a novel psychoactive substance. |

54458B DUID/DRE Designer Opioids Confirmation, Blood

Summary of Changes: Test Name was changed.
Scope of Analysis was changed.
Isobutyrylfentanyl, Methoxyacetylfentanyl and para-Fluorobutyrylfentanyl were removed.

Scope of Analysis: LC-MS/MS (80364): 4-ANPP, Acryl Fentanyl, 2-Furanylfentanyl, U-47700,
Method (CPT Code) Carfentanil, Butyrylfentanyl, para-Fluoroisobutyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, trans-3-Methylfentanyl, Valeryl Fentanyl

54458U DUID/DRE Designer Opioids Confirmation, Urine

Summary of Changes: Test Name was changed.
Scope of Analysis was changed.
Isobutyrylfentanyl, Methoxyacetylfentanyl and para-Fluorobutyrylfentanyl were removed.

Scope of Analysis: LC-MS/MS (80364): 4-ANPP, Acryl Fentanyl, 2-Furanylfentanyl, Carfentanil,
Method (CPT Code) Butyrylfentanyl, para-Fluoroisobutyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, trans-3-Methylfentanyl, Valeryl Fentanyl



Test Updates

Test Changes

8152B DUID/DRE Expanded Drug Screen Add-On ProofPOSITIVE®, Blood (Forensic)

Summary of Changes: Scope of Analysis was changed.
Alpha-Hydroxyetizolam was added.
Isobutyrylfentanyl, Methoxyacetylfentanyl and para-Fluorobutyrylfentanyl were removed.

Scope of Analysis: ELISA (80307): Gabapentin
Method (CPT Code) LC/TOF-MS (80307): 2-Furanylfentanyl, 7-Amino Flunitrazepam, 9-Hydroxyrisperidone, 10-Hydroxycarbazepine, Acryl Fentanyl, Alfentanil, Amitriptyline, Amoxapine, Aripiprazole, Brompheniramine, Bupropion, Buspirone, Butylone, Butyrylfentanyl, Caffeine, Carbamazepine, Carbamazepine-10,11-Epoide, Carfentanil, Chlorpheniramine, Chlorpromazine, cis-3-Methylfentanyl, Citalopram / Escitalopram, Clomipramine, Clonazepam, Clonidine, Clozapine, Cyclobenzaprine, Cyclopropylfentanyl, Delorazepam, Alpha-Hydroxyetizolam, Desipramine, Desmethylclomipramine, Desmethyldoxepin, Desmethylsertraline, Desmethyltrimipramine, Dextro / Levo Methorphan, Dextrorphan / Levorphanol, Dicyclomine, Dibutylone, Diclazepam, Diltiazem, Diphenhydramine, Doxepin, Doxylamine, Duloxetine, Etizolam, Eszopiclone / Zopiclone, Flubromazolam, Flunitrazepam, Fluoxetine, Fluphenazine, Fluvoxamine, Haloperidol, Hydroxybupropion, Hydroxyzine, Iloperidone, Imipramine, Ketamine, Lamotrigine, Levetiracetam, Loxapine, LSD, Maprotiline, mCPP, Meperidine, Mescaline, Mesoridazine, Metaxalone, Methaqualone, Methocarbamol, Methylphenidate, Mexiletine, Mirtazapine, Mitragynine, Norclozapine, Norflunitrazepam, Norfluoxetine, Norketamine, Normeperidine, Norpropoxyphene, Nortriptyline, N-Ethyl Pentylone, O-Desmethylvenlafaxine, Olanzapine, para-Fluoroisobutyrylfentanyl, Paroxetine, Perphenazine, Phenazepam, Pheniramine, Phenytoin, Primidone, Promazine, Promethazine, Propoxyphene, Psilocin, Quetiapine, Risperidone, Sertraline, Sufentanil, Tapentadol, Thioridazine, Topiramate, trans-3-Methylfentanyl, Trazodone, Trifluoperazine, Trihexyphenidyl, Trimipramine, U-47700, Valeryl Fentanyl, Venlafaxine, Verapamil, Xylazine, Zaleplon, Ziprasidone, Zonisamide, Scope Statement

| Compound Name | Units | Reference Comment |
|---------------|-------|-------------------|
|---------------|-------|-------------------|

| | | |
|-----------------------|-------|--|
| Alpha-Hydroxyetizolam | ng/mL | |
|-----------------------|-------|--|

8075U DUID/DRE Expanded Drug Screen Add-On, Urine (Forensic)

Summary of Changes: Scope of Analysis was changed.
Propoxyphene, Alpha-Hydroxyetizolam and Norpropoxyphene were added.
Buprenorphine, Butorphanol, Fentanyl, Isobutyrylfentanyl, Methoxyacetylfentanyl, Nalbuphine, Norbuprenorphine - Total, Norfentanyl and para-Fluorobutyrylfentanyl were removed.

Scope of Analysis: LC/TOF-MS (80307): 2-Furanylfentanyl, 7-Amino Flunitrazepam, 9-Hydroxyrisperidone, 10-Hydroxycarbazepine, Acryl Fentanyl, Alfentanil, Alpha-Hydroxyetizolam, Amitriptyline, Amoxapine, Atomoxetine, Benzotropine, Bupropion, Brompheniramine, Butylone, Bupivacaine, Butyrylfentanyl, Buspirone, BZP, Caffeine, Carbamazepine, Carfentanil, Carbamazepine-10,11-Epoide, Carisoprodol, cis-3-Methylfentanyl, Chlorpheniramine, Chlorpromazine, Citalopram / Escitalopram, Clomipramine, Clonidine, Clonazepam, Clozapine, Cyclobenzaprine, Cyclopropylfentanyl, Delorazepam, Desipramine, Desmethylclomipramine,



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Test Changes

Desmethyldoxepin, Desmethyltrimipramine, Dextro / Levo Methorphan, Dextrorphan / Levorphanol, Dibutylone, Diclazepam, Dicyclomine, Diltiazem, Diphenhydramine, Donepezil, Doxepin, Doxylamine, Eszopiclone / Zopiclone, Etizolam, Flecainide, Flubromazolam, Flunitrazepam, Fluoxetine, Fluvoxamine, Guaifenesin, Hydroxybupropion, Hydroxyzine, Imipramine, Ketamine, Lacosamide, Lamotrigine, Levetiracetam, LSD, Maprotiline, mCPP, Memantine, Meperidine, Meprobamate, Mescaline, Mesoridazine, Metaxalone, Methaqualone, Methylphenidate, Mexiletine, Mirtazapine, Mitragynine, Norclozapine, Norflunitrazepam, Norfluoxetine, Norketamine, Normeperidine, Norpropoxyphene, Nortriptyline, N-Ethyl Pentylone, O-Desmethyltramadol, O-Desmethylvenlafaxine, Olanzapine, Orphenadrine, para-Fluorobutyrylfentanyl, Paroxetine, Phenazepam, Pheniramine, Promazine, Promethazine, Propoxyphene, Psilocin, Quetiapine, Quinidine, Risperidone, Sertraline, Sildenafil, Sufentanil, Tapentadol, Tetrahydrozoline, TFMPP, Theophylline, Thioridazine, Tiletamine, Topiramate, Tramadol, trans-3-Methylfentanyl, Trazodone, Trihexyphenidyl, Trimipramine, Valeryl Fentanyl, Triprolidine, Venlafaxine, Verapamil, Xylazine, Yohimbine, Zaleplon, Zolazepam, Zolpidem, Zonisamide, Scope Statement

| Compound Name | Units | Reference Comment |
|-----------------------|--------|-------------------|
| Alpha-Hydroxyetizolam | ng/mL | |
| Norpropoxyphene | mcg/mL | |
| Propoxyphene | mcg/mL | |

8070U DUID/DRE Panel (w/Alcohol), Urine (Forensic)

Summary of Changes: Specimen Requirements were changed.
Scope of Analysis was changed.
Buprenorphine / Metabolite and Fentanyl / Acetyl Fentanyl were added.

Specimen Requirements: 6 mL Urine
 Transport Temperature: Refrigerated
 Specimen Container: Plastic container (preservative-free)
 Light Protection: Not Required
 Special Handling: None
 Rejection Criteria: Received Room Temperature. Received Frozen.
 Scope of Analysis: EIA (80307): Opiates, Cocaine / Metabolites, Benzodiazepines, Cannabinoids,
 Method (CPT Code) Barbiturates, Methadone / Metabolite, Phencyclidine, Oxycodone / Oxymorphone
 Headspace GC (80307): Ethanol, Methanol, Isopropanol, Acetone
 Headspace GC (80320): Ethanol, Methanol, Isopropanol, Acetone
 EIA (80307): Amphetamines, MDMA, Buprenorphine / Metabolite, Fentanyl / Acetyl Fentanyl

| Compound Name | Units | Reference Comment |
|----------------------------|-------|-------------------|
| Buprenorphine / Metabolite | ng/mL | |
| Fentanyl / Acetyl Fentanyl | ng/mL | |

8071U DUID/DRE Panel, Urine (Forensic)



Test Changes

Summary of Changes: Specimen Requirements were changed.
Scope of Analysis was changed.
Buprenorphine / Metabolite and Fentanyl / Acetyl Fentanyl were added.

Specimen Requirements: 5 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: Received Room Temperature. Received Frozen.
Scope of Analysis: EIA (80307): Opiates, Cocaine / Metabolites, Benzodiazepines, Cannabinoids,
Method (CPT Code) Barbiturates, Methadone / Metabolite, Phencyclidine, Oxycodone / Oxymorphone
EIA (80307): Amphetamines, MDMA, Buprenorphine / Metabolite, Fentanyl / Acetyl Fentanyl

| Compound Name | Units | Reference Comment |
|---------------|-------|-------------------|
|---------------|-------|-------------------|

| | | |
|----------------------------|-------|--|
| Buprenorphine / Metabolite | ng/mL | |
| Fentanyl / Acetyl Fentanyl | ng/mL | |

52493U Designer Benzodiazepines Confirmation (Qualitative), Urine

Summary of Changes: Scope of Analysis was changed.
Alpha-Hydroxyetizolam was added.

Scope of Analysis: LC-MS/MS (80346): Bromazepam, Clonazepam, Flubromazolam, Etizolam,
Method (CPT Code) Flubromazepam, Delorazepam, Alpha-Hydroxyetizolam, Diclazepam

| Compound Name | Units | Reference Comment |
|---------------|-------|-------------------|
|---------------|-------|-------------------|

| | | |
|-----------------------|-------|--|
| Alpha-Hydroxyetizolam | ng/mL | Alpha-hydroxyetizolam is a major metabolite of etizolam, a benzodiazepine that is prescribed in certain Asian and European countries. Etizolam is not approved for use in the United States, and is typically encountered as a novel psychoactive substance. |
|-----------------------|-------|--|

52502U Designer Benzodiazepines Confirmation 1 (Qualitative), Urine

Summary of Changes: Scope of Analysis was changed.
Alpha-Hydroxyetizolam was added.

Scope of Analysis: LC-MS/MS (80346): Bromazepam, Clonazepam, Flubromazolam, Etizolam,
Method (CPT Code) Flubromazepam, Delorazepam, Alpha-Hydroxyetizolam, Phenazepam, Diclazepam



Effective Date:
Monday, March 15, 2021

Test Updates

Test Changes

| Compound Name | Units | Reference Comment |
|-----------------------|-------|--|
| Alpha-Hydroxyetizolam | ng/mL | Alpha-hydroxyetizolam is a major metabolite of etizolam, a benzodiazepine that is prescribed in certain Asian and European countries. Etizolam is not approved for use in the United States, and is typically encountered as a novel psychoactive substance. |

52502B Designer Benzodiazepines Confirmation 1, Blood

Summary of Changes: Scope of Analysis was changed.
Alpha-Hydroxyetizolam was added.

Scope of Analysis: LC-MS/MS (80346): Bromazepam, Clonazepam, Flubromazepam, Etizolam,
Method (CPT Code) Flubromazolam, Delorazepam, Alpha-Hydroxyetizolam, Phenazepam, Diclazepam

| Compound Name | Units | Reference Comment |
|-----------------------|-------|---|
| Alpha-Hydroxyetizolam | ng/mL | Alpha-hydroxyetizolam is a major metabolite of etizolam, a benzodiazepine that is prescribed in certain Asian and European countries. Etizolam is not approved for use in the United States, and is typically encountered as a novel psychoactive substance. Alpha-hydroxyetizolam has pharmacological activity nearly equal to that of etizolam and accumulates in plasma due to its longer elimination half-life, approximately twice that of its parent. |

52502SP Designer Benzodiazepines Confirmation 1, Serum/Plasma

Summary of Changes: Scope of Analysis was changed.
Alpha-Hydroxyetizolam was added.

Scope of Analysis: LC-MS/MS (80346): Bromazepam, Clonazepam, Flubromazepam, Etizolam,
Method (CPT Code) Flubromazolam, Delorazepam, Alpha-Hydroxyetizolam, Phenazepam, Diclazepam

| Compound Name | Units | Reference Comment |
|-----------------------|-------|---|
| Alpha-Hydroxyetizolam | ng/mL | Alpha-hydroxyetizolam is a major metabolite of etizolam, a benzodiazepine that is prescribed in certain Asian and European countries. Etizolam is not approved for use in the United States, and is typically encountered as a novel psychoactive substance. Alpha-hydroxyetizolam has pharmacological activity nearly equal to that of etizolam and accumulates in plasma due to its longer elimination half-life, approximately twice that of its parent. |

52493B Designer Benzodiazepines Confirmation, Blood



Effective Date:
Monday, March 15, 2021

Test Updates

Test Changes

Summary of Changes: Scope of Analysis was changed.
Alpha-Hydroxyetizolam was added.

Scope of Analysis: LC-MS/MS (80346): Bromazepam, Clonazepam, Flubromazolam, Etizolam,
Method (CPT Code) Flubromazepam, Delorazepam, Alpha-Hydroxyetizolam, Diclazepam

| Compound Name | Units | Reference Comment |
|-----------------------|-------|---|
| Alpha-Hydroxyetizolam | ng/mL | Alpha-hydroxyetizolam is a major metabolite of etizolam, a benzodiazepine that is prescribed in certain Asian and European countries. Etizolam is not approved for use in the United States, and is typically encountered as a novel psychoactive substance. Alpha-hydroxyetizolam has pharmacological activity nearly equal to that of etizolam and accumulates in plasma due to its longer elimination half-life, approximately twice that of its parent. |

52493SP Designer Benzodiazepines Confirmation, Serum/Plasma

Summary of Changes: Scope of Analysis was changed.
Alpha-Hydroxyetizolam was added.

Scope of Analysis: LC-MS/MS (80346): Bromazepam, Clonazepam, Flubromazolam, Etizolam,
Method (CPT Code) Flubromazepam, Delorazepam, Alpha-Hydroxyetizolam, Diclazepam

| Compound Name | Units | Reference Comment |
|-----------------------|-------|---|
| Alpha-Hydroxyetizolam | ng/mL | Alpha-hydroxyetizolam is a major metabolite of etizolam, a benzodiazepine that is prescribed in certain Asian and European countries. Etizolam is not approved for use in the United States, and is typically encountered as a novel psychoactive substance. Alpha-hydroxyetizolam has pharmacological activity nearly equal to that of etizolam and accumulates in plasma due to its longer elimination half-life, approximately twice that of its parent. |

52500B Designer Opioids Confirmation, Blood

Summary of Changes: Test Name was changed.
Scope of Analysis was changed.
Isobutyrylfentanyl, Methoxyacetylfentanyl and para-Fluorobutyrylfentanyl were removed.

Scope of Analysis: LC-MS/MS (80364): Acryl Fentanyl, 2-Furanylfentanyl, U-47700, Carfentanil,
Method (CPT Code) Butyrylfentanyl, para-Fluoroisobutyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, trans-3-Methylfentanyl, Valeryl Fentanyl

52500SP Designer Opioids Confirmation, Serum/Plasma



Test Updates

Test Changes

Summary of Changes: Test Name was changed.
Scope of Analysis was changed.
Isobutyrylfentanyl, Methoxyacetylfentanyl and para-Fluorobutyrylfentanyl were removed.

Scope of Analysis: LC-MS/MS (80364): Acryl Fentanyl, 2-Furanylfentanyl, U-47700, Carfentanil,
Method (CPT Code) Butyrylfentanyl, para-Fluoroisobutyrylfentanyl, cis-3-Methylfentanyl,
Cyclopropylfentanyl, trans-3-Methylfentanyl, Valeryl Fentanyl

52500U Designer Opioids Confirmation, Urine

Summary of Changes: Test Name was changed.
Scope of Analysis was changed.
Isobutyrylfentanyl, Methoxyacetylfentanyl and para-Fluorobutyrylfentanyl were removed.

Scope of Analysis: LC-MS/MS (80364): Acryl Fentanyl, 2-Furanylfentanyl, Carfentanil, Butyrylfentanyl,
Method (CPT Code) para-Fluoroisobutyrylfentanyl, cis-3-Methylfentanyl, Cyclopropylfentanyl, trans-3-Methylfentanyl, Valeryl Fentanyl

8098B Drug Screen (GC/MS), Blood

Summary of Changes: Scope of Analysis was changed.
Amobarbital, Bupivacaine, Butabarbital, Ethylecgonine, Maprotiline, Nifedipine and Orphenadrine were removed.

Scope of Analysis:
Method (CPT Code)

8098SP Drug Screen (GC/MS), Serum/Plasma

Summary of Changes: Scope of Analysis was changed.
Amobarbital, Bupivacaine, Butabarbital, Ethylecgonine, Maprotiline, Nifedipine and Orphenadrine were removed.

Scope of Analysis:
Method (CPT Code)

8098U Drug Screen (GC/MS), Urine

Summary of Changes: Scope of Analysis was changed.
Amobarbital, Bupivacaine, Butabarbital, Ethylecgonine, Maprotiline, Nifedipine and Orphenadrine were removed.

Scope of Analysis:
Method (CPT Code)

1876B Drug Screen - Expanded, Blood



Test Updates

Test Changes

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
Scope of Analysis was changed.
Alpha-Hydroxyetizolam and Amlodipine were added.
Bupivacaine, Isobutyrylfentanyl, Maprotiline, Methoxyacetylfentanyl,
Nifedipine, Orphenadrine and para-Fluorobutyrylfentanyl were removed.

Specimen Requirements: 10 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: Collect sample using alcohol free skin preparation.
Rejection Criteria: Received Room Temperature.
Scope of Analysis:
Method (CPT Code)

| Compound Name | Units | Reference Comment |
|-----------------------|-------|--|
| Alpha-Hydroxyetizolam | ng/mL | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |
| Amlodipine | ng/mL | |

1876FL Drug Screen - Expanded, Fluid

Summary of Changes: Scope of Analysis was changed.
Olanzapine was added.
Amobarbital, Beta-Phenethylamine, Bupivacaine, Butabarbital,
Ethylecgonine, Maprotiline, Nifedipine and Orphenadrine were removed.

Scope of Analysis:
Method (CPT Code)

| Compound Name | Units | Reference Comment |
|---------------|-------|-------------------|
| Olanzapine | ng/mL | |

1876SP Drug Screen - Expanded, Serum/Plasma

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
Scope of Analysis was changed.
Alpha-Hydroxyetizolam and Amlodipine were added.
Bupivacaine, Isobutyrylfentanyl, Maprotiline, Methoxyacetylfentanyl,
Orphenadrine and para-Fluorobutyrylfentanyl were removed.



Test Changes

Specimen Requirements: 10 mL Serum or Plasma
 Transport Temperature: Frozen
 Specimen Container: Lavender top tube (EDTA), Plastic container (preservative-free), Red top tube (no additive)
 Light Protection: Not Required
 Special Handling: Serum: Collect sample in Red top tube
 Plasma: Collect sample in Gray top tube (Sodium Fluoride / Potassium Oxalate). Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.
 Rejection Criteria: Received Room Temperature. Received Refrigerated. Polymer gel separation tube (PST). Polymer gel separation tube (SST or PST).
 Scope of Analysis:
 Method (CPT Code)

| Compound Name | Units | Reference Comment |
|-------------------------------------|----------------|--|
| Alpha-Hydroxyetizolam Amlodipine | ng/mL ng/mL | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |

1876U Drug Screen - Expanded, Urine

Summary of Changes: Specimen Requirements (Special Handling) were changed.
 Specimen Requirements (Rejection Criteria) were changed.
 Scope of Analysis was changed.
 Alpha-Hydroxyetizolam and Amlodipine were added.
 Bupivacaine, Isobutyrylfentanyl, Maprotiline, Methoxyacetylfentanyl, Orphenadrine and para-Fluorobutyrylfentanyl were removed.

Specimen Requirements: 12 mL Urine
 Transport Temperature: Refrigerated
 Specimen Container: Plastic container (preservative-free)
 Light Protection: Not Required
 Special Handling: None
 Rejection Criteria: None
 Scope of Analysis:
 Method (CPT Code)

| Compound Name | Units | Reference Comment |
|-------------------------------------|----------------|--|
| Alpha-Hydroxyetizolam Amlodipine | ng/mL ng/mL | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |

90023B Expanded Drug Screen (DUID/DRE), Blood (Forensic) (CSA)



Test Changes

Summary of Changes: Scope of Analysis was changed.
 Alpha-Hydroxyetizolam was added.
 Isobutyrylfentanyl, Methoxyacetylfentanyl and para-Fluorobutyrylfentanyl were removed.

Scope of Analysis: LC/TOF-MS (80307): 2-Furanylfentanyl, 9-Hydroxyrisperidone, 10-Hydroxycarbazepine, Acryl Fentanyl, Alfentanil, Amitriptyline, Amoxapine, Aripiprazole, Brompheniramine, Bupropion, Buspirone, Butorphanol, Butylone, Butyrylfentanyl, BZP, Caffeine, Carbamazepine, Carbamazepine-10,11-Epoxyde, Carfentanil, cis-3-Methylfentanyl, Chlorpheniramine, Chlorpromazine, Citalopram / Escitalopram, Clomipramine, Clonazepam, Clonidine, Clozapine, Cyclopropylfentanyl, Delorazepam, Desipramine, Desmethylclomipramine, Desmethyldoxepin, Desmethylsertraline, Desmethyltrimipramine, Dextrorphan / Levorphanol, Dibutylone, Diclazepam, Dicyclomine, Diltiazem, Diphenhydramine, Doxepin, Doxylamine, Duloxetine, Etizolam, Flubromazolam, Alpha-Hydroxyetizolam, Fluoxetine, Fluphenazine, Fluvoxamine, Haloperidol, Hydroxybupropion, Hydroxyzine, Iloperidone, Imipramine, Ketamine, Lamotrigine, Levetiracetam, Loxapine, LSD, Maprotiline, mCPP, Mescaline, Mesoridazine, Metaxalone, Methaqualone, Methocarbamol, Methylphenidate, Mexiletine, N-Ethyl Pentylone, Mirtazapine, Mitragynine, Nalbuphine, Norclozapine, Norfluoxetine, Norketamine, Nortriptyline, O-Desmethylvenlafaxine, Olanzapine, para-Fluoroisobutyrylfentanyl, Paroxetine, Perphenazine, Phenazepam, Pheniramine, Phenytoin, Promazine, Promethazine, Psilocin, Quetiapine, Risperidone, Sertraline, Sufentanil, Tapentadol, TFMPP, Thioridazine, Topiramate, trans-3-Methylfentanyl, Trazodone, Trifluoperazine, Trihexyphenidyl, Trimipramine, U-47700, Valeryl Fentanyl, Venlafaxine, Verapamil, Xylazine, Ziprasidone, Zonisamide, Scope Statement

| Compound Name | Units | Reference Comment |
|-----------------------|-------|-------------------|
| Alpha-Hydroxyetizolam | ng/mL | |

54142U Fentanyl and Acetyl Fentanyl Confirmation (Qualitative) (DUID/DRE), Urine

Summary of Changes: Scope of Analysis was changed.
 Acetyl Fentanyl was added.

Scope of Analysis: LC-MS/MS (80354): Fentanyl, Norfentanyl, Acetyl Fentanyl
 Method (CPT Code)

| Compound Name | Units | Reference Comment |
|-----------------|-------|-------------------|
| Acetyl Fentanyl | ng/mL | |

1860B GC/MS Drug Screen (Acid/Neutral), Blood

Summary of Changes: Specimen Requirements were changed.
 Scope of Analysis was changed.
 Amobarbital, Butobarbital and Nifedipine were removed.



Test Updates

Test Changes

Specimen Requirements: 7 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: Freeze at -70 C upon collection and ship on dry ice. Ship overnight Monday through Thursday, to arrive at NMS Labs the following day.
Rejection Criteria: None
Scope of Analysis: GC/MS (80307): Acetaminophen, Acetohexamide, Barbitol, Butalbital, Caffeine, Carbamazepine, Carisoprodol, Chlorophene, Chlorpropamide, Chlorzoxazone, Cinnamoylcocaine, Cotinine, Desmethylocitalopram, Desmethylterbinafine, Diethylpropion, Ethinamate, Ethosuximide, Ethotoin, Etomidate, Felbamate, Felodipine, Fluconazole, Gabapentin Breakdown Product, Glutethimide, Guaifenesin, Hexobarbital, Hydroxycotinine, Ibuprofen, Lacosamide, Lamotrigine, Levetiracetam, Mefloquine, Meprobamate, Methaqualone, Metharbital, Methocarbamol, Methsuximide, Methylprimidone, Metronidazole, Naproxen, Naproxen Breakdown Product, Nevirapine, Normethsuximide, Norpropoxypheneamide, O-Desmethylvenlafaxine, Oxcarbazepine, Pentobarbital, Pentoxifylline, Phenacetin, Phenazepam, Phenobarbital, Phensuximide, Phenylbutazone, Phenylethylmalonamide (PEMA), Phenytoin, Primidone, Procaine, Propafenone, Propofol, Ropinirole, Rufinamide, Scopolamine, Secobarbital, Talbutal, Terbinafine, Tetracaine, Theobromine, Theophylline, Thiopental, Topiramate Breakdown Product, Trimethoprim, Xylazine, Zonisamide, Other Findings

10053U GC/MS Drug Screen, Urine (CSA)

Summary of Changes: Scope of Analysis was changed.
Amobarbital, Bupivacaine, Butabarbital, Maprotiline and Orphenadrine were removed.

Scope of Analysis:
Method (CPT Code)

8758B Hallucinogens Screen, Blood

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.

Specimen Requirements: 5 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: Received Room Temperature.

8758SP Hallucinogens Screen, Serum/Plasma



Effective Date:
Monday, March 15, 2021

Test Updates

Test Changes

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.

Specimen Requirements: 5 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Serum: Collect sample in Red top tube
Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.
Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.
Rejection Criteria: Received Room Temperature. Polymer gel separation tube (SST or PST).

8758U Hallucinogens Screen, Urine

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.

Specimen Requirements: 6 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: Received Room Temperature.

54010B LSD Confirmation (DUID/DRE), Blood

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.

Specimen Requirements: 1 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

54010U LSD Confirmation (Qualitative) (DUID/DRE), Urine

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.



Test Updates

Test Changes

Specimen Requirements: 2 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: Received Room Temperature.

52065B LSD Confirmation, Blood

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.

Specimen Requirements: 1 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

5811B LSD Confirmation, Blood

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.

Specimen Requirements: 1 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

52065SP LSD Confirmation, Serum/Plasma

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.



Effective Date:
Monday, March 15, 2021

Test Updates

Test Changes

Specimen Requirements: 2 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Serum: Collect sample in Red top tube
Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.
Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.
Rejection Criteria: Received Room Temperature. Polymer gel separation tube (SST or PST).

5811SP LSD Confirmation, Serum/Plasma

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.

Specimen Requirements: 2 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Serum: Collect sample in Red top tube
Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.
Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.
Rejection Criteria: Received Room Temperature. Polymer gel separation tube (SST or PST).

52065U LSD Confirmation, Urine

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.

Specimen Requirements: 1 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: Received Room Temperature.

5811U LSD Confirmation, Urine

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.



Test Updates

Test Changes

Specimen Requirements: 1 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: Received Room Temperature.

2541B LSD Screen, Blood

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.

Specimen Requirements: 2 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

2541SP LSD Screen, Serum/Plasma

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.

Specimen Requirements: 3 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Serum: Collect sample in Red top tube
Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.
Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.
Rejection Criteria: Received Room Temperature. Polymer gel separation tube (SST or PST).

2541U LSD Screen, Urine

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.



Test Updates

Test Changes

Specimen Requirements: 2 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: Received Room Temperature.

2540B LSD Trace Analysis, Blood

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.

Specimen Requirements: 1 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

2540SP LSD Trace Analysis, Serum/Plasma

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.

Specimen Requirements: 2 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: Serum: Collect sample in Red top tube
Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.
Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.
Rejection Criteria: Received Room Temperature. Polymer gel separation tube (SST or PST).

20003U LSD Trace Analysis, Urine (Duplicate results-Replicate 1) (CSA)

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.



Test Updates

Test Changes

Specimen Requirements: 2 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: Received Room Temperature.

20004U LSD Trace Analysis, Urine (Duplicate results-Replicate 2) (CSA)

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.

Specimen Requirements: 1 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: Received Room Temperature.

2540U LSD Trace Analysis, Urine

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.

Specimen Requirements: 1 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: Received Room Temperature.

8756B Novel Psychoactive Substances (NPS) Screen 1, Blood

Summary of Changes: Scope of Analysis was changed.
Alpha-Hydroxyetizolam was added.



Test Updates

Test Changes

Scope of Analysis: LC/TOF-MS (80307): 2-Furanylfentanyl, 3-Fluorophenmetrazine, 3-MeO-PCP, 4-ANPP, 4-MeO-PCP, 25B-NBOMe, 25C-NBOMe, 25H-NBOMe, 25I-NBOMe, Acetyl Fentanyl, Acryl Fentanyl, Alpha-Hydroxyetizolam, alpha-PVP, Bromazepam, Butylone, Butyrylfentanyl, BZP, Carfentanil, cis-3-Methylfentanyl, Clephedrone, Clonazepam, Cyclopropylfentanyl, Delorazepam, Deschloroetizolam, Dibutylone, Diclazepam, Ethylone, Etizolam, Flubromazepam, Flubromazolam, Isobutyrylfentanyl, MDPV, Meclonazepam, Mephedrone, meta-Methylmethoxyacetylfentanyl, Methoxetamine, Methoxyacetylfentanyl, Methoxphenidine, Methylone, Mitragynine, MPHP, N-Ethyl Pentylone, ortho-Fluorofentanyl, para-Fluorobutyrylfentanyl, para-Fluorofentanyl, para-Fluoroisobutyrylfentanyl, para-Methylmethoxyacetylfentanyl, Pentedrone, Pentylone, Phenazepam, Pyrazolam, TFMPP, THF-F, trans-3-Methylfentanyl, U-47700, U-49900, U-51754, Valeryl Fentanyl

| Compound Name | Units | Reference Comment |
|---------------|-------|-------------------|
|---------------|-------|-------------------|

| | | |
|-----------------------|-------|--|
| Alpha-Hydroxyetizolam | ng/mL | |
|-----------------------|-------|--|

8756SP Novel Psychoactive Substances (NPS) Screen 1, Serum/Plasma

Summary of Changes: Scope of Analysis was changed.
Alpha-Hydroxyetizolam was added.

Scope of Analysis: LC/TOF-MS (80307): 2-Furanylfentanyl, 3-Fluorophenmetrazine, 3-MeO-PCP, 4-ANPP, 4-MeO-PCP, 25B-NBOMe, 25C-NBOMe, 25H-NBOMe, 25I-NBOMe, Acetyl Fentanyl, Acryl Fentanyl, Alpha-Hydroxyetizolam, alpha-PVP, Bromazepam, Butylone, Butyrylfentanyl, BZP, Carfentanil, cis-3-Methylfentanyl, Clephedrone, Clonazepam, Cyclopropylfentanyl, Delorazepam, Deschloroetizolam, Dibutylone, Diclazepam, Ethylone, Etizolam, Flubromazepam, Flubromazolam, Isobutyrylfentanyl, MDPV, Meclonazepam, Mephedrone, meta-Methylmethoxyacetylfentanyl, Methoxetamine, Methoxyacetylfentanyl, Methoxphenidine, Methylone, Mitragynine, MPHP, N-Ethyl Pentylone, ortho-Fluorofentanyl, para-Fluorobutyrylfentanyl, para-Fluorofentanyl, para-Fluoroisobutyrylfentanyl, para-Methylmethoxyacetylfentanyl, Pentedrone, Pentylone, Phenazepam, Pyrazolam, TFMPP, THF-F, trans-3-Methylfentanyl, U-47700, U-49900, U-51754, Valeryl Fentanyl

| Compound Name | Units | Reference Comment |
|---------------|-------|-------------------|
|---------------|-------|-------------------|

| | | |
|-----------------------|-------|--|
| Alpha-Hydroxyetizolam | ng/mL | |
|-----------------------|-------|--|

8756U Novel Psychoactive Substances (NPS) Screen 1, Urine

Summary of Changes: Scope of Analysis was changed.
Alpha-Hydroxyetizolam was added.



Effective Date:
Monday, March 15, 2021

Test Updates

Test Changes

Scope of Analysis: LC/TOF-MS (80307): 2-Furanylfentanyl, 3-Fluorophenmetrazine, 3-MeO-PCP, 4-ANPP, 4-MeO-PCP, 25B-NBOMe, 25C-NBOMe, 25H-NBOMe, 25I-NBOMe, Acetyl Fentanyl, Acryl Fentanyl, alpha-PVP, Alpha-Hydroxyetizolam, Bromazepam, Butylone, Butyrylfentanyl, BZP, Carfentanil, cis-3-Methylfentanyl, Clephedrone, Clonazepam, Cyclopropylfentanyl, Delorazepam, Deschloroetizolam, Dibutylone, Diclazepam, Ethylone, Etizolam, Flubromazepam, Flubromazolam, Isobutyrylfentanyl, MDPV, Meclonazepam, meta-Methylmethoxyacetyl fentanyl, Methoxyacetyl fentanyl, Mephedrone, Methoxetamine, Methoxphenidine, Methylone, Mitragynine, MPHP, N-Ethyl Pentylone, ortho-Fluorofentanyl, para-Fluorobutyrylfentanyl, para-Fluorofentanyl, para-Fluoroisobutyrylfentanyl, para-Methylmethoxyacetyl fentanyl, Pentedrone, Pentylone, Phenazepam, Pyrazolam, THF-F, TFMPP, trans-3-Methylfentanyl, U-47700, U-49900, U-51754, Valeryl Fentanyl

| Compound Name | Units | Reference Comment |
|---------------|-------|-------------------|
|---------------|-------|-------------------|

| | | |
|-----------------------|-------|--|
| Alpha-Hydroxyetizolam | ng/mL | |
|-----------------------|-------|--|

8063B Postmortem, Basic to Expanded Upgrade, Blood (Forensic)

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
Scope of Analysis was changed.
Alpha-Hydroxyetizolam, Amlodipine, Ephedrine, Norpseudoephedrine, Phentermine, Phenylpropanolamine and Pseudoephedrine were added.
Bupivacaine, Isobutyrylfentanyl, Maprotiline, Methoxyacetyl fentanyl, Nifedipine, Orphenadrine and para-Fluorobutyrylfentanyl were removed.

Specimen Requirements: 10 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: Peak sample should be drawn 60 minutes after an intramuscular injection, 30 minutes after the end of a 30 minute intravenous infusion. Trough sample should be drawn immediately prior to next dose. Promptly centrifuge and separate Serum into a plastic screw capped vial using approved guidelines.
Rejection Criteria: None
Scope of Analysis:
Method (CPT Code)

| Compound Name | Units | Reference Comment |
|---------------|-------|-------------------|
|---------------|-------|-------------------|

| | | |
|-----------------------|-------|--|
| Alpha-Hydroxyetizolam | ng/mL | |
| Amlodipine | ng/mL | |

The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.

| | | |
|---------------------|-------|--|
| Ephedrine | ng/mL | |
| Norpseudoephedrine | ng/mL | |
| Phentermine | ng/mL | |
| Phenylpropanolamine | ng/mL | |
| Pseudoephedrine | ng/mL | |



Test Updates

Test Changes

8063FL Postmortem, Basic to Expanded Upgrade, Fluid (Forensic)

Summary of Changes: Scope of Analysis was changed.
Olanzapine was added.
Reference Comment was changed.
Bupivacaine, Ethylecgonine, Maprotiline, Nifedipine and Orphenadrine were removed.

Scope of Analysis:
Method (CPT Code)

| Compound Name | Units | Reference Comment |
|---------------|-------|--|
| Amlodipine | ng/mL | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |
| Metoprolol | ng/mL | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |
| Olanzapine | ng/mL | |

8063SP Postmortem, Basic to Expanded Upgrade, Serum/Plasma (Forensic)

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
Scope of Analysis was changed.
Alpha-Hydroxyetizolam, Amlodipine, Ephedrine, Norpseudoephedrine, Phentermine, Phenylpropanolamine and Pseudoephedrine were added.
Reference Comment was changed.
Bupivacaine, Isobutyrylfentanyl, Maprotiline, Methoxyacetylfentanyl, Nifedipine, Orphenadrine and para-Fluorobutyrylfentanyl were removed.

Specimen Requirements: 10 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Lavender top tube (EDTA), Plastic container (preservative-free), Red top tube (no additive)
Light Protection: Not Required
Special Handling: Serum: Collect sample in Red top tube
Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.
Peak serum levels are recommended when monitoring patients because the level in the blood drops so rapidly that many negative results are found at the trough. The peak occurs at 40 to 90 minutes post dose. Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Sample should be collected 1 to 6 hours post dose. Glass containers are not acceptable.
Rejection Criteria: Polymer gel separation tube (PST). Polymer gel separation tube (SST or PST).
Scope of Analysis:
Method (CPT Code)

| Compound Name | Units | Reference Comment |
|-----------------------|-------|-------------------|
| Alpha-Hydroxyetizolam | ng/mL | |



Effective Date:
Monday, March 15, 2021

Test Updates

Test Changes

| Compound Name | Units | Reference Comment |
|---------------------|--------|--|
| Amlodipine | ng/mL | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |
| Ephedrine | ng/mL | Reported therapeutic serum range: 2 - 25 ng/mL |
| Mexiletine | mcg/mL | |
| Norpseudoephedrine | ng/mL | |
| Phentermine | ng/mL | |
| Phenylpropanolamine | ng/mL | |
| Pseudoephedrine | ng/mL | |

8063TI Postmortem, Basic to Expanded Upgrade, Tissue (Forensic)

Summary of Changes: Scope of Analysis was changed.
Olanzapine was added.
Reference Comment was changed.
Bupivacaine, Ethylecgonine, Maprotiline, Nifedipine and Orphenadrine were removed.

Scope of Analysis:
Method (CPT Code)

| Compound Name | Units | Reference Comment |
|---------------|-------|--|
| Amlodipine | ng/g | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |
| Metoprolol | ng/g | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |
| Olanzapine | ng/g | |

8063U Postmortem, Basic to Expanded Upgrade, Urine (Forensic)

Summary of Changes: Specimen Requirements were changed.
Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.
Scope of Analysis was changed.
Alpha-Hydroxyetizolam, Amlodipine, Ephedrine, Norpseudoephedrine, Phentermine, Phenylpropanolamine and Pseudoephedrine were added.
Bupivacaine, Isobutyrylfentanyl, Maprotiline, Methoxyacetylfentanyl, Orphenadrine and para-Fluorobutyrylfentanyl were removed.



Effective Date:
Monday, March 15, 2021

Test Updates

Test Changes

Specimen Requirements: 8 mL Urine
 Transport Temperature: Refrigerated
 Specimen Container: Plastic container (preservative-free)
 Light Protection: Not Required
 Special Handling: None
 Rejection Criteria: None
 Scope of Analysis:
 Method (CPT Code)

| Compound Name | Units | Reference Comment |
|-------------------------------------|----------------|--|
| Alpha-Hydroxyetizolam Amlodipine | ng/mL ng/mL | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |
| Ephedrine | ng/mL | |
| Norpseudoephedrine | ng/mL | |
| Phentermine | ng/mL | |
| Phenylpropanolamine | ng/mL | |
| Pseudoephedrine | ng/mL | |

10052B Postmortem, Expanded w/Vitreous Alcohol Confirmation, Blood (Forensic) (CSA)

Summary of Changes: Specimen Requirements (Special Handling) were changed.
 Specimen Requirements (Rejection Criteria) were changed.
 Scope of Analysis was changed.
 Alpha-Hydroxyetizolam and Metoprolol were added.
 Bupivacaine, Isobutyrylfentanyl, Maprotiline, Methoxyacetylfentanyl,
 Nifedipine, Orphenadrine and para-Fluorobutyrylfentanyl were removed.

Specimen Requirements: 10 mL Blood
 Transport Temperature: Refrigerated
 Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
 Light Protection: Not Required
 Special Handling: In addition to blood, collect 1 mL of Vitreous fluid for the Alcohol Confirmation.
 Collect sample using alcohol free skin preparation.
 Rejection Criteria: None
 Scope of Analysis:
 Method (CPT Code)

| Compound Name | Units | Reference Comment |
|-------------------------------------|----------------|--|
| Alpha-Hydroxyetizolam Metoprolol | ng/mL ng/mL | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |



Test Updates

Test Changes

8042B Postmortem, Expanded w/Vitreous Alcohol Confirmation, Blood (Forensic)

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
Scope of Analysis was changed.
Alpha-Hydroxyetizolam and Amlodipine were added.
Bupivacaine, Isobutyrylfentanyl, Maprotiline, Methoxyacetylfentanyl,
Nifedipine, Orphenadrine and para-Fluorobutyrylfentanyl were removed.

Specimen Requirements: 10 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: In addition to blood, collect 1 mL of Vitreous fluid for the Alcohol Confirmation.
Collect sample using alcohol free skin preparation.
Rejection Criteria: None
Scope of Analysis:
Method (CPT Code)

| Compound Name | Units | Reference Comment |
|-------------------------------------|----------------|--|
| Alpha-Hydroxyetizolam Amlodipine | ng/mL ng/mL | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |

8057B Postmortem, Expanded w/Vitreous Alcohol Confirmation, Blood - University of MI (Forensic) (CSA)

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
Scope of Analysis was changed.
Alpha-Hydroxyetizolam and Amlodipine were added.
Bupivacaine, Isobutyrylfentanyl, Maprotiline, Methoxyacetylfentanyl,
Nifedipine, Orphenadrine and para-Fluorobutyrylfentanyl were removed.

Specimen Requirements: 10 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: Collect sample using alcohol free skin preparation.
Rejection Criteria: None
Scope of Analysis:
Method (CPT Code)

| Compound Name | Units | Reference Comment |
|-----------------------|-------|-------------------|
| Alpha-Hydroxyetizolam | ng/mL | |



Effective Date:
Monday, March 15, 2021

Test Updates

Test Changes

| Compound Name | Units | Reference Comment |
|---------------|-------|--|
| Amlodipine | ng/mL | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |

8062B Postmortem, Expanded w/o Alcohol, Blood (Forensic)

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
Scope of Analysis was changed.
Alpha-Hydroxyetizolam and Amlodipine were added.
Bupivacaine, Isobutyrylfentanyl, Maprotiline, Methoxyacetylfentanyl,
Nifedipine, Orphenadrine and para-Fluorobutyrylfentanyl were removed.

Specimen Requirements: 10 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: Submit with Chain of Custody.
Ensure that container remains tightly sealed.
Rejection Criteria: None
Scope of Analysis:
Method (CPT Code)

| Compound Name | Units | Reference Comment |
|-----------------------|-------|--|
| Alpha-Hydroxyetizolam | ng/mL | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |
| Amlodipine | ng/mL | |

8062FL Postmortem, Expanded w/o Alcohol, Fluid (Forensic)

Summary of Changes: Scope of Analysis was changed.
Olanzapine was added.
Amobarbital, Beta-Phenethylamine, Bupivacaine, Butabarbital,
Ethylecgonine, Maprotiline, Nifedipine and Orphenadrine were removed.

Scope of Analysis:
Method (CPT Code)

| Compound Name | Units | Reference Comment |
|---------------|-------|-------------------|
| Olanzapine | ng/mL | |

8062TI Postmortem, Expanded w/o Alcohol, Tissue (Forensic)



Effective Date:
Monday, March 15, 2021

Test Updates

Test Changes

Summary of Changes: Scope of Analysis was changed.
Olanzapine was added.
Amobarbital, Beta-Phenethylamine, Bupivacaine, Butabarbital,
Ethylecgonine, Maprotiline, Nifedipine and Orphenadrine were removed.

Scope of Analysis:
Method (CPT Code)

| Compound Name | Units | Reference Comment |
|---------------|-------|-------------------|
|---------------|-------|-------------------|

| | | |
|------------|------|--|
| Olanzapine | ng/g | |
|------------|------|--|

8062U Postmortem, Expanded w/o Alcohol, Urine (Forensic)

Summary of Changes: Specimen Requirements (Special Handling) were changed.
Specimen Requirements (Rejection Criteria) were changed.
Scope of Analysis was changed.
Alpha-Hydroxyetizolam and Amlodipine were added.
Bupivacaine, Isobutyrylfentanyl, Maprotiline, Methoxyacetylfentanyl,
Orphenadrine and para-Fluorobutyrylfentanyl were removed.

Specimen Requirements: 12 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Scope of Analysis:
Method (CPT Code)

| Compound Name | Units | Reference Comment |
|---------------|-------|-------------------|
|---------------|-------|-------------------|

| | | |
|-----------------------|-------|--|
| Alpha-Hydroxyetizolam | ng/mL | |
| Amlodipine | ng/mL | |

The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.

8054B Postmortem, Expanded with NPS, Blood (Forensic)

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
Scope of Analysis was changed.
Alpha-Hydroxyetizolam was added.
Bupivacaine, Maprotiline, Nifedipine and Orphenadrine were removed.



Effective Date:
Monday, March 15, 2021

Test Updates

Test Changes

Specimen Requirements: 10 mL Blood
 Transport Temperature: Refrigerated
 Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
 Light Protection: Not Required
 Special Handling: Collect sample using alcohol free skin preparation.
 Rejection Criteria: Polymer gel separation tube (SST or PST).
 Scope of Analysis:
 Method (CPT Code)

| Compound Name | Units | Reference Comment |
|---------------|-------|-------------------|
|---------------|-------|-------------------|

| | | |
|-----------------------|-------|--|
| Alpha-Hydroxyetizolam | ng/mL | |
|-----------------------|-------|--|

90025B Postmortem, Expanded, Blood (Forensic) (CSA)

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
 Scope of Analysis was changed.
 Alpha-Hydroxyetizolam and Amlodipine were added.
 Bupivacaine, Isobutyrylfentanyl, Maprotiline, Methoxyacetylfentanyl,
 Nifedipine, Orphenadrine and para-Fluorobutyrylfentanyl were removed.

Specimen Requirements: 10 mL Blood
 Transport Temperature: Refrigerated
 Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
 Light Protection: Not Required
 Special Handling: Collect sample using alcohol free skin preparation.
 Rejection Criteria: None
 Scope of Analysis:
 Method (CPT Code)

| Compound Name | Units | Reference Comment |
|---------------|-------|-------------------|
|---------------|-------|-------------------|

| | | |
|-----------------------|-------|--|
| Alpha-Hydroxyetizolam | ng/mL | |
| Amlodipine | ng/mL | |

The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.

8052B Postmortem, Expanded, Blood (Forensic)

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
 Scope of Analysis was changed.
 Alpha-Hydroxyetizolam and Amlodipine were added.
 Bupivacaine, Isobutyrylfentanyl, Maprotiline, Methoxyacetylfentanyl,
 Nifedipine, Orphenadrine and para-Fluorobutyrylfentanyl were removed.



Effective Date:
Monday, March 15, 2021

Test Updates

Test Changes

Specimen Requirements: 10 mL Blood
 Transport Temperature: Refrigerated
 Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
 Light Protection: Not Required
 Special Handling: Collect sample using alcohol free skin preparation.
 Rejection Criteria: None
 Scope of Analysis:
 Method (CPT Code)

| Compound Name | Units | Reference Comment |
|-------------------------------------|----------------|--|
| Alpha-Hydroxyetizolam Amlodipine | ng/mL ng/mL | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |

8052FL Postmortem, Expanded, Fluid (Forensic)

Summary of Changes: Scope of Analysis was changed.
 Olanzapine was added.
 Reference Comment was changed.
 Amobarbital, Beta-Phenethylamine, Bupivacaine, Butabarbital,
 Ethylecgonine, Maprotiline, Nifedipine and Orphenadrine were removed.

Scope of Analysis:
 Method (CPT Code)

| Compound Name | Units | Reference Comment |
|---------------|-------|--|
| Amlodipine | ng/mL | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |
| Metoprolol | ng/mL | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |
| Olanzapine | ng/mL | |

8052SP Postmortem, Expanded, Serum/Plasma (Forensic)

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
 Scope of Analysis was changed.
 Alpha-Hydroxyetizolam and Amlodipine were added.
 Reference Comment was changed.
 Bupivacaine, Isobutyrylfentanyl, Maprotiline, Methoxyacetylfentanyl,
 Nifedipine, Orphenadrine and para-Fluorobutyrylfentanyl were removed.



Test Changes

Specimen Requirements: 10 mL Serum or Plasma
 Transport Temperature: Refrigerated
 Specimen Container: Lavender top tube (EDTA), Plastic container (preservative-free), Red top tube (no additive)
 Light Protection: Not Required
 Special Handling: Serum: Collect sample in Red top tube
 Plasma: Collect sample in Gray top tube (Sodium Fluoride / Potassium Oxalate). Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.
 Rejection Criteria: Polymer gel separation tube (PST). Polymer gel separation tube (SST or PST).
 Scope of Analysis:
 Method (CPT Code)

| Compound Name | Units | Reference Comment |
|-------------------------------------|----------------|--|
| Alpha-Hydroxyetizolam Amlodipine | ng/mL ng/mL | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |
| Mexiletine | mcg/mL | Reported therapeutic serum range: 2 - 25 ng/mL |

8052TI Postmortem, Expanded, Tissue (Forensic)

Summary of Changes: Scope of Analysis was changed.
 Olanzapine was added.
 Reference Comment was changed.
 Amobarbital, Beta-Phenethylamine, Bupivacaine, Butabarbital, Ethylecgonine, Maprotiline, Nifedipine and Orphenadrine were removed.

Scope of Analysis:
 Method (CPT Code)

| Compound Name | Units | Reference Comment |
|---------------|-------|--|
| Amlodipine | ng/g | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |
| Metoprolol | ng/g | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |
| Olanzapine | ng/g | |

8052U Postmortem, Expanded, Urine (Forensic)



Test Changes

Summary of Changes: Specimen Requirements (Special Handling) were changed.
 Specimen Requirements (Rejection Criteria) were changed.
 Scope of Analysis was changed.
 Alpha-Hydroxyetizolam and Amlodipine were added.
 Bupivacaine, Isobutyrylfentanyl, Maprotiline, Methoxyacetylfentanyl,
 Orphenadrine and para-Fluorobutyrylfentanyl were removed.

Specimen Requirements: 10 mL Urine
 Transport Temperature: Refrigerated
 Specimen Container: Plastic container (preservative-free)
 Light Protection: Not Required
 Special Handling: None
 Rejection Criteria: None
 Scope of Analysis:
 Method (CPT Code)

| Compound Name | Units | Reference Comment |
|-------------------------------------|----------------|--|
| Alpha-Hydroxyetizolam Amlodipine | ng/mL ng/mL | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |

39052B Postmortem, Expanded-II, Blood (Forensic) (SSA)

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
 Scope of Analysis was changed.
 Alpha-Hydroxyetizolam and Amlodipine were added.
 Bupivacaine, Isobutyrylfentanyl, Maprotiline, Methoxyacetylfentanyl,
 Nifedipine, Orphenadrine and para-Fluorobutyrylfentanyl were removed.

Specimen Requirements: 10 mL Blood
 Transport Temperature: Refrigerated
 Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
 Light Protection: Not Required
 Special Handling: Collect sample using alcohol free skin preparation.
 Rejection Criteria: None
 Scope of Analysis:
 Method (CPT Code)

| Compound Name | Units | Reference Comment |
|-------------------------------------|----------------|--|
| Alpha-Hydroxyetizolam Amlodipine | ng/mL ng/mL | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |



Test Updates

Test Changes

39042B Postmortem, Expanded-II, with Vitreous Alcohol Confirmation, Blood (Forensic) (SSA)

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
Scope of Analysis was changed.
Alpha-Hydroxyetizolam and Amlodipine were added.
Bupivacaine, Isobutyrylfentanyl, Maprotiline, Methoxyacetylfentanyl,
Nifedipine, Orphenadrine and para-Fluorobutyrylfentanyl were removed.

- Specimen Requirements: 10 mL Blood
- Transport Temperature: Refrigerated
- Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
- Light Protection: Not Required
- Special Handling: Collect sample using alcohol free skin preparation.
- Rejection Criteria: None
- Scope of Analysis:
Method (CPT Code)

| Compound Name | Units | Reference Comment |
|-------------------------------------|----------------|--|
| Alpha-Hydroxyetizolam Amlodipine | ng/mL ng/mL | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |

10092B Postmortem, Expert w/Vitreous Alcohol Confirmation, Blood (Forensic) (CSA)

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
Scope of Analysis was changed.
Alpha-Hydroxyetizolam was added.
Bupivacaine, Maprotiline, Nifedipine and Orphenadrine were removed.

- Specimen Requirements: 10 mL Blood
- Transport Temperature: Refrigerated
- Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
- Light Protection: Not Required
- Special Handling: In addition to blood, collect 1 mL of Vitreous fluid for the Alcohol Confirmation.
Collect sample using alcohol free skin preparation.
- Rejection Criteria: Polymer gel separation tube (SST or PST).
- Scope of Analysis:
Method (CPT Code)

| Compound Name | Units | Reference Comment |
|-----------------------|-------|-------------------|
| Alpha-Hydroxyetizolam | ng/mL | |

10151B Postmortem, Expert w/Vitreous Alcohol Confirmation, Blood (Forensic) (CSA)



Test Changes

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
Scope of Analysis was changed.
Alpha-Hydroxyetizolam was added.
Bupivacaine, Meprotiline, Nifedipine and Orphenadrine were removed.

Specimen Requirements: 10 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: Collect sample using alcohol free skin preparation.
Rejection Criteria: Polymer gel separation tube (SST or PST).
Scope of Analysis:
Method (CPT Code)

| Compound Name | Units | Reference Comment |
|---------------|-------|-------------------|
|---------------|-------|-------------------|

| | | |
|-----------------------|-------|--|
| Alpha-Hydroxyetizolam | ng/mL | |
|-----------------------|-------|--|

8043B Postmortem, Expert w/Vitreous Alcohol Confirmation, Blood (Forensic)

Summary of Changes: Scope of Analysis was changed.
Amobarbital, Bupivacaine, Butabarbital, Ethylecgonine, Maprotiline,
Nifedipine and Orphenadrine were removed.

Scope of Analysis:
Method (CPT Code)

8092B Postmortem, Expert, Blood (Forensic)

Summary of Changes: Scope of Analysis was changed.
Amobarbital, Bupivacaine, Butabarbital, Ethylecgonine, Maprotiline,
Nifedipine and Orphenadrine were removed.

Scope of Analysis:
Method (CPT Code)

8092FL Postmortem, Expert, Fluid (Forensic)

Summary of Changes: Scope of Analysis was changed.
Amobarbital, Bupivacaine, Butabarbital, Ethylecgonine, Maprotiline,
Nifedipine and Orphenadrine were removed.

Scope of Analysis:
Method (CPT Code)

8092SP Postmortem, Expert, Serum/Plasma (Forensic)

Summary of Changes: Scope of Analysis was changed.
Amobarbital, Bupivacaine, Butabarbital, Ethylecgonine, Maprotiline,
Nifedipine and Orphenadrine were removed.



Test Changes

Scope of Analysis:
 Method (CPT Code)

8092TI Postmortem, Expert, Tissue (Forensic)

Summary of Changes: Scope of Analysis was changed.
 Amobarbital, Bupivacaine, Butabarbital, Ethylecgonine, Maprotiline,
 Nifedipine and Orphenadrine were removed.

Scope of Analysis:
 Method (CPT Code)

8092U Postmortem, Expert, Urine (Forensic)

Summary of Changes: Scope of Analysis was changed.
 Amobarbital, Bupivacaine, Butabarbital, Ethylecgonine, Maprotiline,
 Nifedipine and Orphenadrine were removed.

Scope of Analysis:
 Method (CPT Code)

4177B Postmortem, SUIDS Screen, Blood (Forensic)

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
 Scope of Analysis was changed.
 Alpha-Hydroxyetizolam and Amlodipine were added.
 Bupivacaine, Isobutyrylfentanyl, Maprotiline, Methoxyacetylfentanyl,
 Nifedipine, Orphenadrine and para-Fluorobutyrylfentanyl were removed.

Specimen Requirements: 10 mL Blood
 Transport Temperature: Refrigerated
 Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
 Light Protection: Not Required
 Special Handling: Submit with Chain of Custody.
 Collect sample using alcohol free skin preparation.
 Rejection Criteria: None
 Scope of Analysis:
 Method (CPT Code)

| Compound Name | Units | Reference Comment |
|-----------------------|-------|--|
| Alpha-Hydroxyetizolam | ng/mL | The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory. |
| Amlodipine | ng/mL | |



Effective Date:
Monday, March 15, 2021

Test Updates

Discontinued Tests

| Test Code | Test Name | Alternative Test |
|-----------|---|------------------------------|
| 52011B | Bupivacaine Confirmation, Blood | No Alternate Tests Available |
| 52011FL | Bupivacaine Confirmation, Fluid | No Alternate Tests Available |
| 52011SP | Bupivacaine Confirmation, Serum/Plasma | No Alternate Tests Available |
| 52011TI | Bupivacaine Confirmation, Tissue | No Alternate Tests Available |
| 52011U | Bupivacaine Confirmation, Urine | No Alternate Tests Available |
| 52270B | Maprotiline Confirmation, Blood | No Alternate Tests Available |
| 52270FL | Maprotiline Confirmation, Fluid | No Alternate Tests Available |
| 52270SP | Maprotiline Confirmation, Serum/Plasma | No Alternate Tests Available |
| 52270TI | Maprotiline Confirmation, Tissue | No Alternate Tests Available |
| 52270U | Maprotiline Confirmation, Urine | No Alternate Tests Available |
| 52088B | Nifedipine Confirmation, Blood | No Alternate Tests Available |
| 52088FL | Nifedipine Confirmation, Fluid | No Alternate Tests Available |
| 52088SP | Nifedipine Confirmation, Serum/Plasma | No Alternate Tests Available |
| 52088TI | Nifedipine Confirmation, Tissue | No Alternate Tests Available |
| 52289B | Orphenadrine Confirmation, Blood | No Alternate Tests Available |
| 52289FL | Orphenadrine Confirmation, Fluid | No Alternate Tests Available |
| 52289SP | Orphenadrine Confirmation, Serum/Plasma | No Alternate Tests Available |
| 52289TI | Orphenadrine Confirmation, Tissue | No Alternate Tests Available |
| 52289U | Orphenadrine Confirmation, Urine | No Alternate Tests Available |