

SOUTH CAROLINA LAW ENFORCEMENT DIVISION

NIKKI R. HALEY
Governor



MARK A. KEEL
Chief

FORENSIC SERVICES LABORATORY CUSTOMER NOTICE 2015-02

REGARDING TOXICOLOGY RAPID TESTING PANEL August 12, 2015

This notice is to inform the Coroners of South Carolina of a new testing panel available through the SLED Toxicology Department. On Monday, August 17th, the Toxicology Department will begin offering both a Rapid Testing Panel in addition to the already available Expanded Testing Panel. This Rapid Testing Panel is to be utilized in cases where the Expanded Testing Panel is not warranted, specifically where a cause of death has already been established. The Rapid Testing Panel will consist of volatiles analysis, to include, ethanol, acetone, isopropanol and methanol, drug screens, and drug confirmation/quantitation of positive screens.

The cases assigned to the Rapid Testing Panel will have an expedited turnaround time. Targeted turn around times will be two weeks for negative cases and six weeks or less for positive cases. While every effort will be made to adhere to these time frames, additional time may be required on occasion due to the nature of postmortem samples. Submitters will be notified if there is a problem with a particular sample. Please see attachment regarding specifically which substances are covered by the Rapid Testing Panel and the Expanded Testing Panel. As always, a detailed case history and list of drugs suspected is appreciated. Rapid Panel and Expanded Panel will be choices available in iLAB. Please contact Lt. Dustin Smith (803-896-7385) with additional questions.



An Accredited Law Enforcement Agency

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**SOUTH CAROLINA LAW ENFORCEMENT DIVISION
FORENSIC SERVICES
TOXICOLOGY DEPARTMENT
POST MORTEM PANEL GUIDE**

Compound Description	Rapid Panel	Expanded Panel
1,1,1,2-Tetrafluoroethane		X
11-Hydroxy-THC	X	X
11-Nor-9-COOH-delta9-THC	X	X
1,1-Difluoroethane		X
3,4-Methylenedioxyamphetamine (MDA)		X
4-Fluoromethcathinone (4-FMC)		X
4-MEC (4-Methylethcathinone)		X
6-monoacetyl-morphine		X
7-Aminoclonazepam	X	X
7-Amino-flunitrazepam	X	X
7-aminonimetazepam	X	X
9-Hydroxyrisperidone		X
Acetaminophen (paracetamol)		X
Acetone	X	X
Acetylfentanyl		X
alpha-Hydroxyalprazolam		X
alpha-PVP		X
Alprazolam	X	X
Amantadine		X
Amitriptyline		X
Amobarbital		X
Amphetamine	X	X
Antipyrine		X
α-PVP (α-Pyrrolidinopentiophenone)		X
Aripiprazole		X
Atenolol		X
Atomoxetine		X
Atropine		X
Baclofen		X
Benzocaine		X
Benzoyllecgonine	X	X
Benztropine		X
1-Benzylpiperazine		X
Brompheniramine		X

For informational purposes. Compounds are subject to change.
Call the Toxicology Department (803-896-7385) with questions.

Compound Description	Rapid Panel	Expanded Panel
Brompheniramine		X
Buprenorphine		X
Bupivacaine		X
Bupropion		X
Buspirone		X
Butalbital		X
Butylone (bk-MBDB)		X
Carbamazepine		X
Carbinoxamine		X
Carisoprodol	X	X
Chlorcyclizine		X
Chlordiazepoxide		X
Chloroquine		X
Chlorpheniramine		X
m-Chlorphenylpiperazine (m-CPP)		X
Chlorpromazine		X
Chlorzoxazone		X
Citalopram		X
Clobazam		X
Clomipramine		X
Clonazepam		X
Clonidine		X
Clopidogrel		X
Clozapine		X
Cocaethylene	X	X
Cocaine	X	X
Codeine	X	X
Cyclobenzaprine		X
Cyproheptadine		X
delta9-Tetrahydrocannabinol (THC)	X	X
Desalkyl-flurazepam		X
Desipramine		X
Dextromethorphan (Methorphan)		X
Diazepam	X	X
Dicyclomine		X
Diethyltoluamide		X
Dihydrocodeine	X	X
Diltiazem		X
Diphenhydramine		X
Diphenoxylate		X

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Compound Description	Rapid Panel	Expanded Panel
Donepezil		X
Doxepin		X
Doxylamine		X
Duloxetine		X
Ephedrine		X
Estazolam		X
Ethanol	X	X
Etomidate		X
Felbamate		X
Fenfluramine		X
Fentanyl		X
Fluconazole		X
Fluoroamphetamine		X
Fluoromethamphetamine		X
Fluoxetine		X
Fluphenazine		X
Fluvoxamine		X
Flurazepam	X	X
Gabapentin		X
Guaifenesin		X
Haloperidol		X
Hydrocodone		X
Hydromorphone	X	X
Hydroxybupropion		X
Hydroxychloroquine		X
Hydroxyzine		X
Ibuprofen		X
Imipramine		X
Isopropanol	X	X
Ketamine		X
Lamotrigine		X
Levamisole		X
Levetiracetam		X
Levorphanol		X
Lidocaine		X
Lorazepam	X	X
Loxapine		X
Lurasidone		X
Lysergide (LSD)		X
Maprotiline		X

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Compound Description	Rapid Panel	Expanded Panel
Meclizine		X
Memantine		X
MDPBP (3',4'-Methylenedioxy- α -pyrrolidinobutiophenone)		X
MDPV (Methylenedioxypropylvalerone)		X
Meperidine (Pethidine)		X
Mephedrone (4-MMC)		X
Mepivacaine		X
Meproamate		X
Mesoridazine		X
Metaxalone		X
Methadone	X	X
Methamphetamine	X	X
Methanol	X	X
Methocarbamol		X
Methylenedioxyamphetamine (MDA)		X
Methylenedioxymethamphetamine (MDMA)		X
Methylenedioxypropylvalerone (MDPV)		X
Methylone (bk-MDMA)		X
Methylphenidate		X
Metoclopramide		X
Metoprolol		X
Midazolam	X	X
Mirtazapine		X
Mitragynine (9-methoxy Corynantheidine)		X
Modafinil		X
Morphine	X	X
N-Acetylprocainamide		X
N-Desmethyflunitrazepam		X
Nabumetone		X
Naloxone		X
Naproxen		X
Nifedipine		X
Nimetazepam	X	X
Nor-buprenorphine		X
Norcitalopram		X
Nordiazepam		X
Nordoxepin		X
Norfluoxetine		X
Normeperidine (Norpethidine)		X
Norpropoxyphene		X

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Compound Description	Rapid Panel	Expanded Panel
Nortriptyline		X
O-Desmethyltramadol		X
O-Desmethylvenlafaxine (Desvenlafaxine)		X
Olanzapine		X
Ondansetron		X
Orphenadrine		X
Oxazepam		X
Oxcarbazepine		X
Oxycodone	X	X
Oxymorphone	X	X
p-Fluorophenylpiperazine		X
p-Methoxyamphetamine (PMA)		X
p-Methoxymethamphetamine (PMMA)		X
Paliperidone		X
Paroxetine		X
Pentazocine		X
Pentedrone		X
Pentobarbital		X
Pentylone (bk-MBDP)		X
Perphenazine		X
Phenazepam		X
Phencyclidine (PCP)		X
Pheniramine		X
Phenobarbital		X
Phentermine		X
Phenylephrine		X
Phenylpropanolamine (PPA)		X
Phenyltoloxamine		X
Phenytoin		X
Pregabalin		X
Prilocaine		X
Primidone		X
Procainamide		X
Prochlorperazine		X
Promethazine		X
Propofol		X
Propoxyphene		X
Propranolol		X
Pseudoephedrine		X
Psilocin		X

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Compound Description	Rapid Panel	Expanded Panel
Quetiapine		X
Quinine		X
Quinidine		X
Ramelteon		X
Ranitidine		X
Risperidone		X
Ropinirole		X
Ropivacaine		X
Salicylamide		X
Secobarbital		X
Sertraline		X
Strychnine		X
Tapentadol		X
Temazepam	X	X
Terbinafine		X
Theophylline		X
Thiopental		X
Thioridazine		X
Tizanidine		X
Topiramate		X
Tramadol	X	X
Trazodone		X
Triazolam		X
Trifluoperazine		X
Trifluoromethylphenylpiperazine (TFMPP)		X
Trimethoprim		X
Tripolidine		X
Valproic acid		X
Venlafaxine		X
Verapamil		X
Vilazodone		X
Zaleplon		X
Ziprasidone		X
Zolpidem	X	X
Zonisamide		X
Zopiclone		X

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