NMS Labs
200 Welsh Road, Horsham, PA 19044-2208
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Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

CONFIDENTIAL

Demo Report

Report Issued 07/22/2019 06:42
Last Report Issued 06/11/2019 09:00

88888
Clinical Example Report
Attn: Example Reports
200 Welsh Road
Horsham, PA 19044

Patient Name 8054B
Patient ID 8054B
Chain 19000998
Age Not Given **DOB** Not Given
Gender Not Given
Workorder 19000998

Received 06/11/2019 08:35

Sample ID 19000998-001
Matrix Blood
Patient Name 8054B
Patient ID 8054B
Container Type Clear vial

Collect Dt/Tm Not Given
Source Not Given

Approx Vol/Weight Not Given

Receipt Notes None Entered

Analysis and Comments	Result	Units	Reporting Limit	Notes
8054B Postmortem, Expanded with NPS, Blood				
Analysis by Enzyme-Linked Immunosorbent Assay (ELISA)				
Salicylates	None Detected	mcg/mL	120	
Cannabinoids	None Detected	ng/mL	10	
Barbiturates	None Detected	mcg/mL	0.040	
Gabapentin	None Detected	mcg/mL	5.0	
Analysis by Headspace Gas Chromatography (GC)				
Ethanol	None Detected	mg/dL	10	
Synonym(s): Ethyl Alcohol				
Ethyl alcohol (ethanol, drinking alcohol) is a central nervous system depressant and can cause effects such as impaired judgment, reduced alertness and impaired muscular coordination. Ethanol can also be a product of decomposition or degradation of biological samples.				
Blood Alcohol Concentration (BAC)	None Detected	g/100 mL	0.010	
Methanol	None Detected	mg/dL	5.0	
Synonym(s): Methyl Alcohol				

Results for sample 19000998-001 are continued on next page

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Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Endogenous blood levels of methanol from metabolic and dietary sources are approximately 0.15 mg/dL. Exposure to 800 ppm methanol for 8 hours produced a maximum average blood methanol concentration of 3.1 mg/dL.				
Isopropanol	None Detected	mg/dL	5.0	
Synonym(s): Isopropyl Alcohol Three workers exposed to 191 - 200 ppm isopropanol in air had blood isopropanol concentrations <1 mg/dL; acetone levels were 4 - 16 mg/dL during the exposure. After a sponge bath with isopropanol, one adult had a blood isopropanol concentration of 10 mg/dL. In a study of 31 isopropanol deaths, postmortem blood concentrations ranged from 10 to 250 mg/dL (mean, 140 mg/dL) and acetone blood concentrations ranged from 40 - 300 mg/dL (mean, 170 mg/dL).				
Acetone	None Detected	mg/dL	5.0	
Reported normal endogenous acetone levels in blood are up to 3 mg/dL. Levels associated with diabetic or fasting ketoacidosis range from 10 - 70 mg/dL. After exposure to 100 and 500 ppm acetone for 2 hr, reported blood acetone concentrations peaked at 2 and 10 mg/dL, respectively. A blood level of 250 mg/dL was reported in an individual who became lethargic following ingestion of acetone.				
Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry QTRAP (LC-MS/MS QTRAP)				
AMB-FUBINACA	None Detected	ng/mL	1.0	
Synonym(s): N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(4-fluorobenzyl)-1H-indazole-3-carboxamide AB-FUBINACA				
4-cyano-CUMYL-BINACA	None Detected	ng/mL	0.10	
Synonym(s): 1-(4-cyanobutyl)-N-(1-methyl-1-phenylethyl)-1H-indazole-3-carboxamide				
ADMB-FUBICA	None Detected	ng/mL	1.0	
Synonym(s): ADB-FUBICA; N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-1-(4-fluorobenzyl)-1H-indole-3-carboxamide				

Results for sample 19000998-001 are continued on next page

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Patient ID 8054B

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
ADMB-FUBINACA	None Detected	ng/mL	1.0	
Synonym(s): ADB-FUBINACA; N-(1-Amino-3,3-dimethyl-1-oxobutan-2-yl)-1-(4-fluorobenzyl)-1H-indazole-3-carboxamide				
5-fluoro-QU-PINAC	None Detected	ng/mL	0.10	
Synonym(s): 1-(5-fluoropentyl)-8-quinolinyl ester-1H-indazole-3-carboxylic acid; 5-fluoro NPB 22				
MMB-FUBICA	None Detected	ng/mL	1.0	
Synonym(s): N-[[1-[(4-fluorophenyl)methyl]-1H-indol-3-yl]carbonyl]-L-valine; methyl ester				
5-fluoro-MMB-PINACA	None Detected	ng/mL	0.050	
Synonym(s): 5-fluoro AMB; N-[[1-(5-fluoropentyl)-1H-indazol-3-yl]carbonyl]-L-valine; methyl ester				
This analyte has demonstrated instability under certain storage conditions which may be dependent upon matrix, pH, collection tube, and storage temperature. Negative results should be interpreted with caution.				
4-fluoro-MDMB-BINACA	None Detected	ng/mL	0.10	
Synonym(s): 4-fluoro-MDMB-BUTINACA; methyl (S)-2-(1-(4-fluorobutyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate				
5-fluoro-MDMB-PICA	None Detected	ng/mL	0.10	
Synonym(s): N-[[1-(5-fluoropentyl)-1H-indol-3-yl]carbonyl]-3-methyl-L-valine; methyl ester				
MMB-FUBINACA	None Detected	ng/mL	0.10	
Synonym(s): FUB-AMB; methyl (1-(4-fluorobenzyl)-1H-indazole-3-carbonyl)-L-valinate				
This analyte has demonstrated instability under certain storage conditions which may be dependent upon matrix, pH, collection tube, and storage temperature. Negative results should be interpreted with caution.				
CUMYL-THPINACA	None Detected	ng/mL	0.10	
Synonym(s): N-(1-methyl-1-phenylethyl)-1-[(tetrahydro-2H-pyran-4-yl)methyl]-1H-indazole-3-carboxamide				
MDMB-FUBICA	None Detected	ng/mL	0.10	
Synonym(s): N-[[1-[(4-fluorophenyl)methyl]-1H-indol-3-yl]carbonyl]-3-methyl-L-valine; methyl ester				
5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA	None Detected	ng/mL	0.20	

Results for sample 19000998-001 are continued on next page

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Matrix Blood
Patient Name 8054B
Patient ID 8054B

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Synonym(s): 5F-ADB/5F-AEB; N-[[1-(5-fluoropentyl)-1H-indazol-3-yl]carbonyl]-3-methyl-L-valine; methyl ester/ ethyl (1-(5-fluoropentyl)-1H-indazole-3-carbonyl)-L-valinate				
AMB-CHMINACA	None Detected	ng/mL	1.0	
Synonym(s): AB-CHMINACA; N-[(1S)-1-(Aminocarbonyl)-2-methylpropyl]-1-(cyclohexylmethyl)-1H-indazole-3-carboxamide				
MDMB-FUBINACA / EMB-FUBINACA	None Detected	ng/mL	0.10	
Synonym(s): 1-methoxy-3,3-dimethyl-1-oxobutan-2-yl 1-(cyclohexylmethyl)-1H-indazole-3-carboxylate/ethyl (1-(4-fluorobenzyl)-1H-indazole-3-carbonyl)-L-valinate				
NA-FUBIM	None Detected	ng/mL	0.20	
Synonym(s): (1-(4-fluorobenzyl)-1H-indol-3-yl)(naphthalen-1-yl)methanone; FUB-JWH-018				
5-fluoro-EDMB-PINACA	None Detected	ng/mL	0.10	
Synonym(s): ethyl (S)-2-(1-(5-fluoropentyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate				
ADMB-CHMINACA	None Detected	ng/mL	0.10	
Synonym(s): ADB-CHMINACA; MAB-CHMINACA; N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-1-(cyclohexylmethyl)-1H-indazole-3-carboxamide				
MMB-CHMICA	None Detected	ng/mL	0.10	
Synonym(s): methyl (1-(cyclohexylmethyl)-1H-indole-3-carbonyl)-L-valinate				
5-fluoro-NA-PIC	None Detected	ng/mL	0.10	
Synonym(s): NM-2201; naphthalen-1-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate				
MDMB-CHMICA	None Detected	ng/mL	0.10	
Synonym(s): N-[[1-(cyclohexylmethyl)-1H-indol-3-yl]carbonyl]-3-methyl-L-valine; methyl ester				
MMB-CHMINACA	None Detected	ng/mL	0.20	
Synonym(s): MA-CHMINACA; methyl (1-(cyclohexylmethyl)-1H-indazole-3-carbonyl)-L-valinate				
NA-FUBIC	None Detected	ng/mL	1.0	
Synonym(s): 1-[(4-fluorophenyl)methyl]-1H-indole-3-carboxylic acid, 1-naphthalenyl ester; FDU-PB-22				
MDMB-CHMINAC	None Detected	ng/mL	0.10	

Results for sample 19000998-001 are continued on next page

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Matrix Blood
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Patient ID 8054B

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Synonym(s): MO-CHMINACA; N-(1-methyl-1-phenylethyl)-1-[(tetrahydro-2H-pyran-4-yl)methyl]-1H-indazole-3-carboxamide				
ADAMANTYL-FUBINACA	None Detected	ng/mL	0.20	
Synonym(s): FUB-AKB48; N-((3s,5s,7s)-adamantan-1-yl)-1-(4-fluorobenzyl)-1H-indazole-3-carboxamide				
MDMB-CHMCZCA	None Detected	ng/mL	0.10	
Synonym(s): methyl (S)-2-(9-(cyclohexylmethyl)-9H-carbazole-3-carboxamido)-3,3-dimethylbutanoate				
Analysis by High Performance Liquid Chromatography/Time of Flight-Mass Spectrometry (LC/TOF-MS)				
Scope Statement	See Comment			
Comment: The following is a general list of compound classes included in this screen. The detection of any specific analyte is concentration-dependent. Note, not all known analytes in each specified compound class are included. Some specific analytes outside these classes are also included. For a detailed list of all analytes and reporting limits, please contact NMS Labs.				
Amphetamines, Anticonvulsants, Antidepressants, Antihistamines, Antipsychotic Agents, Benzodiazepines, CNS Stimulants, Cocaine and Metabolites, Hallucinogens, Hypnosedatives, Hypoglycemics, Muscle Relaxants, Non-Steroidal Anti-Inflammatory Agents, Opiates and Opioids.				