

Update Notes

Update Summary

New Test Activation	7/27/2021	23BPT - "2,3-Dinor 11 Beta-Prostaglandin F2 Alpha, 24 Hour, Urine"
New Test Activation	7/27/2021	MGP3 - "Myasthenia Gravis Panel 3"
Update Existing Test	8/2/2021	ADMTS - "ADAMTS 13 Activity with Reflex to Inhibitor"
Update Existing Test	7/12/2021	BERY - "Beryllium, Serum/Plasma"
Update Existing Test	7/19/2021	UMEQG - "Methaqualone, Urine"
Update Existing Test	7/12/2021	USIL - "Silver, Urine"
Update Existing Test	7/12/2021	ZSIL - "Silver, Serum/Plasma"
Inactivate Test With Replacement	7/12/2021	UBATH - "Bath Salts, Urine" replaced by UBSP - "Bath Salts Panel (Qualitative), Urine"
Inactivate Test Without Replacement	7/5/2021	CAHEE - "Cat Hair and Epithelium IgE*"
Inactivate Test Without Replacement	6/18/2021	U17CR – "17-OH Cortico w/Creat 24-HR Ur"

New Test Activation			
Effective Date	7/27/2021		
Name	2,3-Dinor 11 Beta-Prostaglandin F2 Alpha, 24 Hour, Urine		
Code	23BPT		
CPT Code(s)	84150, 82570		
Notes	Patients should avoid aspirin or NSAIDs for 2 weeks or 72 hours, respectively prior to collecting a specimen. These medications may lower concentrations of prostaglandin F2 Alpa.		
Specimen Requirements			
Specimen Required	Collect: 24 hour urine		
	Collect 24 hour urine with no preservative. Refrigerate specimen during collection. Mix well and send 5.0 mL urine in a screw capped plastic vial.		
	Minimum Volume: 4.0 mL		
	Transport temperature: Refrigerated		
Rejection Criteria	Random urine collection		
Stability	Room temperature: 8 hours Refrigerated: 14 days Frozen: 30 days		
Performing Information			
Methodology	Liquid Chromatography/Tandem Mass Spectrometry, Enzymatic Colorimetric Assay		
Reference Range	<1802 pg/mg creatinine		
Performed Days	Monday, Thursday		
Turnaround Time	4 - 7 days		
Performing Laboratory	Mayo Clinic Laboratories		
Interface Information			
Legacy Code ¹	23BPT		
Interface Order Code	3800226		
Result Code	Name	LOINC Code	AOE/Prompt ²
3800228	2,3-dinor 11B-Prostaglandin F2a	94381-1	No
3800229	Creatinine, 24 HR, U	2162-6	No
3800230	Collection Duration	13362-9	Yes
3800231	Urine Volume	3167-4	Yes
3800227	Creatinine Concentration, 24 HR, U	20624-3	No



LABORATORY REPORT

Example Client, XYZ123
1234 Warde Road
Ann Arbor MI 48108

EXAMPLE, REPORT

WX0000003039 M 12/05/1988 32 Y

Referral Testing

Collected: 06/16/2021 15:34

Received: 06/16/2021 15:34

<u>Test Name</u>	<u>Result</u>	<u>Flag</u>	<u>Ref-Ranges</u>	<u>Units</u>	<u>Site</u>
2,3-Dinor 11 Beta-Prostaglandin F2 Alpha, 24 Hour, Urine					
2,3-dinor 11B-Prostaglandin F2a	400		<1802	pg/mg Cr	MMRL

-----ADDITIONAL INFORMATION-----

Cautions: 2,3BPG will be decreased in individuals who have taken aspirin within two weeks or other NSAIDs within 72 hours.

This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Creatinine, 24 HR, U	1325	930 - 2955	mg/24 h	MMRL
Collection Duration	24		h	MMRL
Urine Volume	1325		mL	MMRL
Creatinine Concentration, 24 HR, U	100		mg/dL	MMRL

Test Performed by:

Mayo Clinic Laboratories - Rochester Superior Drive
3050 Superior Drive NW, Rochester, MN 55901

Lab Director: William G. Morice M.D. Ph.D.; CLIA# 24D1040592

Performing Site:

MMRL: MAYO MEDICAL REFERENCE LAB 3050 Superior Drive NW Rochester MN 55901

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED

C616000005
WX0000003039

Printed D&T: 06/16/21 15:42

Ordered By: CLIENT CLIENT
WX00000000001595

William G. Finn, M.D. - Medical Director

Form: MM RL1

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New Test Activation			
Effective Date	7/27/2021		
Name	Myasthenia Gravis Panel 3		
Code	MGP3		
CPT Code(s)	83519 x 3, 86255, plus 86256 if reflexed to titer, at an additional fee		
Notes	Includes Acetylcholine Receptor Binding Antibody, Acetylcholine Receptor Blocking Antibody, *Acetylcholine Receptor Modulating Antibody, Striated Muscle Antibody with Reflex to Titer. If Striated Muscle Antibody Screen is positive, then Striated Muscle Antibody Titer will be performed at an additional charge.		
Specimen Requirements			
Specimen Required	Collect: Serum separator tube (SST) Centrifuge, separate serum from cells and send 2.0 mL serum in a screw capped plastic vial. Minimum volume: 0.8 mL Transport temperature: Refrigerated		
Alternate Specimen	Serum: Red top		
Rejection Criteria	Gross hemolysis, grossly lipemic, microbially contaminated, grossly icteric		
Stability	Room temperature: 4 days Refrigerated: 14 days Frozen: 30 days		
Performing Information			
Methodology	Radioimmunoassay (RIA), Radiobinding assay (RBA), Immunofluorescent Assay (IFA)		
Reference Range	See report		
Performed Days	Monday, Thursday		
Turnaround Time	3 - 7 days		
Performing Laboratory	Quest SJC		
Interface Information			
Legacy Code¹	MGP3		
Interface Order Code	3400432		
Result Code	Name	LOINC Code	AOE/Prompt²
3400434	Acetylcholine Rec Bind Ab	11034-6	No
3400435	Acetylcholine Rec Bloc Ab	11561-8	No
3400436	Acetylcholine Rec Mod Ab	11562-6	No
3400433	Striated Muscle Ab Screen	13931-1	No
3400437	Striated Muscle Ab Titer	5372-8	No



LABORATORY REPORT

Example Client, XYZ123
1234 Warde Road
Ann Arbor MI 48108

EXAMPLE, REPORT

WX0000003039 M 12/05/1988 32 Y

Referral Testing

Collected: 06/16/2021 15:43

Received: 06/16/2021 15:43

Test Name	Result	Flag	Ref-Ranges	Units	Site
Myasthenia Gravis Panel 3					
Acetylcholine Rec Bind Ab	0.30			nmol/L	QCRL

Reference Ranges for Acetylcholine Receptor
Binding Antibody:

Negative: < or =0.30 nmol/L

Equivocal: 0.31-0.49 nmol/L

Positive: > or =0.50 nmol/L

Acetylcholine Rec Bloc Ab	<15		<15	% Inhibition	QCRL
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Test Performed at:

Quest Diagnostics Nichols Institute
33608 Ortega Highway

San Juan Capistrano, CA 92675-2042

I Maramica MD, PhD, MBA

Acetylcholine Rec Mod Ab	31			% Inhibition	QCRL
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Reference Range:

<32% INHIBITION

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

Test Performed at:

Quest Diagnostics Nichols Institute
33608 Ortega Highway

San Juan Capistrano, CA 92675-2042

I Maramica MD, PhD, MBA

Striated Muscle Ab Screen	NEGATIVE		NEGATIVE		QCRL
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This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

Test Performed at:

Quest Diagnostics Nichols Institute
33608 Ortega Highway

San Juan Capistrano, CA 92675-2042

I Maramica MD, PhD, MBA

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED

C61600006
WX0000003039

Printed D&T: 06/16/21 15:54

Ordered By: CLIENT CLIENT
WX00000000001595

William G. Finn, M.D. - Medical Director

Form: MM RL1

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LABORATORY REPORT

Example Client, XYZ123
1234 Warde Road
Ann Arbor MI 48108

EXAMPLE, REPORT

WX0000003039 M 12/05/1988 32 Y

Referral Testing

Collected: 06/16/2021 15:43

Received: 06/16/2021 15:43

<u>Test Name</u>	<u>Result</u>	<u>Flag</u>	<u>Ref-Ranges</u>	<u>Units</u>	<u>Site</u>
Striated Muscle Ab Titer	.TNP				QCRL

Test not performed. Reflex testing not required since established criteria was not met.

Test Performed at:

Quest Diagnostics Nichols Institute

33608 Ortega Highway

San Juan Capistrano, CA 92675-2042

I Maramica MD, PhD, MBA

Performing Site:

QCRL: QUEST DIAGNOSTICS REFERENCE LAB CAPISTRANO 33608 Ortega Highway San Juan Capistrano CA 92675

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED

C616000006
WX0000003039

Printed D&T: 06/16/21 15:54

Ordered By: CLIENT CLIENT
WX00000000001595

William G. Finn, M.D. - Medical Director

Form: MM RL1

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LABORATORY REPORT

QC ACCOUNT (WARDE)
300 W. TEXTILE
ANN ARBOR MI 48108

EXAMPLE, REPORT

WX0000003481 F 12/08/1988 32 Y

Referral Testing

Collected: 06/18/2021 16:35

Received: 06/18/2021 16:35

Test Name	Result	Flag	Ref-Ranges	Units	Site
Myasthenia Gravis Panel 3					
Acetylcholine Rec Bind Ab	1.25	H		nmol/L	QCRL

Reference Ranges for Acetylcholine Receptor
Binding Antibody:

Negative: < or =0.30 nmol/L
Equivocal: 0.31-0.49 nmol/L
Positive: > or =0.50 nmol/L

Test Performed at:

Quest Diagnostics Nichols Institute
33608 Ortega Highway
San Juan Capistrano, CA 92675-2042

Acetylcholine Rec Bloc Ab	33	H	<15	% Inhibition	QCRL
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I Maramica MD, PhD, MBA

Test Performed at:

Quest Diagnostics Nichols Institute
33608 Ortega Highway
San Juan Capistrano, CA 92675-2042

Acetylcholine Rec Mod Ab	55	H		% Inhibition	QCRL
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I Maramica MD, PhD, MBA

Reference Range:
<32% INHIBITION

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

Test Performed at:

Quest Diagnostics Nichols Institute
33608 Ortega Highway
San Juan Capistrano, CA 92675-2042

Striated Muscle Ab Screen	POSITIVE	AB	NEGATIVE		QCRL
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I Maramica MD, PhD, MBA

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED

C618000010
WX0000003481
Printed D&T: 06/18/21 16:37

Ordered By: CLIENT CLIENT
WX00000000002063

William G. Finn, M.D. - Medical Director
Form: MM RL1
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LABORATORY REPORT

QC ACCOUNT (WARDE)
300 W. TEXTILE
ANN ARBOR MI 48108

EXAMPLE, REPORT

WX0000003481 F 12/08/1988 32 Y

Referral Testing

Collected: 06/18/2021 16:35 Received: 06/18/2021 16:35

<u>Test Name</u>	<u>Result</u>	<u>Flag</u>	<u>Ref-Ranges</u>	<u>Units</u>	<u>Site</u>
Test Performed at: Quest Diagnostics Nichols Institute 33608 Ortega Highway San Juan Capistrano, CA 92675-2042					
Striated Muscle Ab Titer	1:80	H	I Maramica MD, PhD, MBA <1:40		QCRL

Test Performed at:
Quest Diagnostics Nichols Institute
33608 Ortega Highway
San Juan Capistrano, CA 92675-2042

I Maramica MD, PhD, MBA

Performing Site:

QCRL: QUEST DIAGNOSTICS REFERENCE LAB CAPISTRANO 33608 Ortega Highway San Juan Capistrano CA 92675

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED

C618000010
WX0000003481

Printed D&T: 06/18/21 16:37

Ordered By: CLIENT CLIENT
WX00000000002063

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Form: MM RL1

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Update Existing Test	
Effective Date	8/2/2021
Name	ADAMTS 13 Activity with Reflex to Inhibitor
Code	ADMTS
Interface Order Code	3723500
Legacy Code	ADMTS
Notes	Updates to rejection criteria and reference range.
Required Testing Changes	
Rejection Criteria	Hemolyzed specimens, serum, EDTA plasma, clotted specimens, grossly lipemic, grossly icteric
Reference Range	ADAMTS13 Activity: 0.68 - 1.63 IU/mL ADAMTS13 Inhibitor: <0.4 BEU If the ADAMTS13 Activity result is < or = 0.30 IU/mL , then ADAMTS13 Inhibitor will be performed at additional charge.

Update Existing Test	
Effective Date	7/12/2021
Name	Beryllium, Serum/Plasma
Code	BERY
Interface Order Code	3500545
Legacy Code	BERY
Notes	Updates to specimen requirements.
Required Testing Changes	
Specimen Required	Centrifuge, separate serum from cells and send 5.0 mL serum refrigerated in an acid washed plastic screw capped plastic vial.

Update Existing Test			
Effective Date	7/19/2021		
Name	Methaqualone by GC/MS Urine		
Code	UMEQG		
Interface Order Code	3423020		
Legacy Code	UMETHAQ		
Notes	Updates to name, specimen requirements, stability, methodology, reference range, performed days, turnaround time and performing laboratory.		
Required Testing Changes			
Name	Methaqualone, Urine		
Specimen Required	Collect: Random Urine		
	Send 2.0 mL urine in a screw capped plastic vial.		
	Minimum Volume: 0.7 mL		
	Transport Temperature: Refrigerated		
Stability	Room temperature: 7 days Refrigerated: 14 days Frozen: 1 year		
Methodology	Gas Chromatography/Mass Spectrometry (GCMS)		
Reference Range	0.1 mcg/mL		
Performed Days	Varies		
Turnaround Time	9 - 11 days		
Performing Laboratory	NMS Labs		
Result Code	Name	LOINC Code	AOE/Prompt ²
3423020	Methaqualone, Urine	3787-9	No

Update Existing Test	
Effective Date	7/12/2021
Name	Silver, Urine
Code	USIL
Interface Order Code	3509960
Legacy Code	USIL
Notes	Updates to stability.
Required Testing Changes	
Stability	Room temperature: 30 days Refrigerated: 30 days Frozen: 30 days

Update Existing Test	
Effective Date	7/12/2021
Name	Silver, Serum/Plasma
Code	ZSIL
Interface Order Code	3509950
Legacy Code	SIL
Notes	
Required Testing Changes	
Stability	Room temperature: 25 days Refrigerated: 25 days Frozen: 25 days

Inactivate Test With Replacement			
Effective Date	7/12/2021		
Inactivated Test			
Name	Bath Salts, Urine		
Code	UBATH		
Legacy Code ¹	UBATH		
Interface Order Code	3300200		
Notes			
Replacement Test			
Name	Bath Salts Panel (Qualitative), Urine		
Code	UBSP		
CPT Code(s)	80371 (G0480)		
Notes			
Specimen Requirements			
Specimen Required	Collect: Random urine		
	Send 3.0 mL urine in a screw capped plastic vial.		
	Minimum volume: 2.0 mL		
	Transport Temperature: Refrigerated		
Stability	Room temperature: 7 days		
	Refrigerated: 30 days		
	Frozen (-20°C): 30 days		
Performing Information			
Methodology	High Performance Liquid Chromatography/Tandem Mass Spectrometry		
Reference Range	See report		
Performed Days	Varies		
Turnaround Time	9 - 11 days		
Performing Laboratory	NMS Labs		
Interface Information			
Legacy Code ¹	UBSP		
Interface Order Code	3300132		
Result Code	Name	LOINC Code	AOE/Prompt ²
3300133	alpha-PHP/alpha-PiHP	Not available	No
3300134	4-chloro alpha-PVP	Not available	No
3300135	Eutylone	Not available	No
3300136	Benzylone	Not available	No
3300137	N-butyl Pentylone	86193-0	No



LABORATORY REPORT

Example Client, XYZ123
1234 Warde Road
Ann Arbor MI 48108

EXAMPLE, REPORT

WX0000003039 M 12/05/1988 32 Y

Referral Testing

Collected: 06/16/2021 15:55

Received: 06/16/2021 15:55

Test Name	Result	Flag	Ref-Ranges	Units	Site
Bath Salts Panel (Qualitative), Urine					
alpha-PHP/alpha-PiHP	Positive			ng/mL	NMRL

Reporting Limit: 5.0 ng/mL
Synonym(s): a-PHP; a-PiHP;
alpha-Pyrrolidinohexiophenone;
alpha-Pyrrolidinohexanophenone;
alpha-Pyrrolidinoisohexanophenone; PV-7
Alpha-PHP and alpha-PiHP (alpha-Pyrrolidinohexiophenone, alpha-Pyrrolidinohexanophenone, alpha-Pyrrolidinoisohexanophenone) are psychoactive stimulants of the pyrrolidinophenone series that are structurally related to alpha-PVP. These compounds have been sold as novel psychoactive substances (NPS) for their stimulating and empathogenic effects and are used as alternatives to amphetamine, MDMA, and/or cocaine.
Alpha-PHP and its isomer alpha-PiHP are not differentiated. If additional testing is needed, please contact the laboratory.

4-chloro alpha-PVP	Positive			ng/mL	NMRL
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Reporting Limit: 5.0 ng/mL
Synonym(s): 4-Cl-alpha-PVP;
4-chloro-alpha-pyrrolidinovalerophenone; 4Cl-PVP
4-chloro alpha-PVP (4-chloro-alpha-pyrrolidinovalerophenone) is a psychoactive stimulant of the pyrrolidinophenone series that is structurally related to alpha-PVP. This compound has been sold as a novel psychoactive substance (NPS) for its stimulating and empathogenic effects and is used as an alternative to amphetamine, MDMA, and/or cocaine.
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

Eutylone	Positive			ng/mL	NMRL
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Reporting Limit: 5.0 ng/mL
Eutylone is classified as a synthetic stimulant and belongs to the beta-keto-methylenedioxyamphetamine subclass, which includes synthetic stimulants methylone, butylone, ethylone, and N-ethylpentylone.
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED

C61600008
WX0000003039
Printed D&T: 06/18/21 16:29

Ordered By: CLIENT CLIENT
WX00000000001595

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Form: MM RL1
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LABORATORY REPORT

Example Client, XYZ123
1234 Warde Road
Ann Arbor MI 48108

EXAMPLE, REPORT

WX0000003039 M 12/05/1988 32 Y

Referral Testing

Collected: 06/16/2021 15:55

Received: 06/16/2021 15:55

<u>Test Name</u>	<u>Result</u>	<u>Flag</u>	<u>Ref-Ranges</u>	<u>Units</u>	<u>Site</u>
Benzylone	Positive			ng/mL	NMRL

Reporting Limit: 5.0 ng/mL
Synonym(s): BMDP; N-benzyl methylone;
3,4-Methylenedioxy-N-benzylcathinone;
N-benzyl-3,4-methylenedioxycathinone
Benzylone is classified as a synthetic stimulant and belongs to the beta-keto-methylenedioxyamphetamine subclass, which includes synthetic stimulants methylone, butylone, ethylone, and N-ethylpentylone. Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

N-butyl Pentylone	Positive			ng/mL	NMRL
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Reporting Limit: 5.0 ng/mL
Synonym(s): N-butylpentylone; bk-BBDP; bk-Butyl-K
N-butyl Pentylone is classified as a synthetic stimulant and belongs to the beta-keto-methylenedioxyamphetamine subclass, which includes synthetic stimulants methylone, butylone, ethylone, and N-ethylpentylone. Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)
This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the US Food and Drug Administration.

Testing performed at NMS Labs, Inc.
200 Welsh Road
Horsham, PA 19044-2208
CLIA 39D0197898

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED

C61600008
WX0000003039
Printed D&T: 06/18/21 16:29

Ordered By: CLIENT CLIENT
WX00000000001595

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Form: MM RL1
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Inactivate Test Without Replacement	
Effective Date	7/5/2021
Name	Cat Hair and Epithelium IgE*
Code	CAHEE
Legacy Code	CAHEE
Interface Code	3350960
Notes	Suggested replacement is RAE1 - "Cat Dander IgE"

Inactivate Test Without Replacement	
Effective Date	6/18/2021
Name	17-OH Cortico w/Creat 24-HR Ur
Code	U17CR
Legacy Code	17OHCORQ
Interface Code	3424960
Notes	Suggested replacement is UFC01 - "Urine Free Cortisol"