

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 2/20/1987
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Specific Gravity Confirmation, Urine

ARUP test code 2006520

Specific Gravity Confirmation, Urine

1.036 H

Urine
Physiologic range: 1.010 - 1.030.
Samples with specific gravity lower than 1.010 are too dilute and should be recollected.
Analysis by Refractometer (REF)
Testing performed at NMS Labs, Inc.
3701 Welsh Road
Willow Grove, PA 19090-2910
CLIA 39D0197898

Anabolic Steroids, Urine - Screen with Reflex to Confirmation

ARUP test code 2008682

Anabolic Steroids Screen, Urine

See Note

Analysis and Comments	Result	Units
Bolasterone Urine Reporting Limit: 10 ng/mL Synonym(s): 4-androsten-7alpha,17alpha-dimethyl-17beta-ol-3-one Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)	None Det	ng/mL
Boldenone Urine Reporting Limit: 10 ng/mL Synonym(s): 1-dehydrotestosterone Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)	None Det	ng/mL
Clostebol Urine Reporting Limit: 10 ng/mL Synonym(s): 4-androsten-4-chloro-17beta-ol-3-one Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)	None Det	ng/mL
Clostebol Metabolite Urine Reporting Limit: 10 ng/mL Synonym(s): 4-chloro-4-androsten-3alpha-ol-17-one Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)	None Det	ng/mL
Clenbuterol Urine	None Det	ng/mL

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS) Norethandrolone Metabolite Urine	None Det	ng/mL
Reporting Limit: 10 ng/mL Synonym(s): 17alpha-ethyl-5beta-estrane-3alpha,17beta-diol		
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS) Norethindrone Urine	None Det	ng/mL
Reporting Limit: 10 ng/mL Synonym(s): Ortho-Novum(R); Camila(R)		
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS) Oxandrolone Urine	None Det	ng/mL
Reporting Limit: 10 ng/mL Synonym(s): 17beta-hydroxy-17alpha-methyl-2-oxandrostane-3-one		
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS) Oxymetholone Metabolite Urine	None Det	ng/mL
Reporting Limit: 10 ng/mL Synonym(s): 17alpha-methyl-5alpha-androstane-3alpha,17beta-diol; Mestanolone Metabolite; Methyltestosterone Metabolite		
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS) Probenecid Urine	None Det	ng/mL
Reporting Limit: 10 ng/mL Synonym(s): Benemid(R)		
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS) Stanozolol Urine	None Det	ng/mL
Reporting Limit: 10 ng/mL Synonym(s): 17alpha-methyl-2'H-androst-2-eno[3,2-c]pyrazol-17beta-o l		
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS) Stanozolol Metabolite Urine	None Det	ng/mL
Reporting Limit: 10 ng/mL Synonym(s): 3'-hydroxystanozolol		
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS) Turinabol Urine	None Det	ng/mL
Reporting Limit: 10 ng/mL Synonym(s): dehydrochlormethyltestosterone		
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS) Tetrahydrogestrinone Urine	None Det	ng/mL
Reporting Limit: 10 ng/mL Synonym(s): THG; 18alpha-homo-17-hydroxy-19-nor-17alpha-pregna-4,9,11-tr ien-3-one		
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS) Trenbolone Metabolite Urine	None Det	ng/mL
Reporting Limit: 10 ng/mL Synonym(s): 17a-trenbolone		
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS) Testosterone	94	ng/mL

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 18-263-146323
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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4848

Urine
Reporting Limit: 2.0 ng/mL
Synonym(s): 17beta-hydroxyandrost-4-en-3-one
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)
Epitestosterone 100 ng/mL

Urine
Reporting Limit: 2.0 ng/mL
Synonym(s): 4-androsten-17alpha-ol-3-one
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)
Testosterone / Epitestosterone Ratio 0.94

Urine
A T/E ratio less than 4.0 is considered normal, while a
ratio greater than or equal to 4.0 is considered an
abnormal finding suggestive of testosterone use/abuse.
This cut-off for the T/E ratio is recommended by the
World Anti-Doping Agency.
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)
Creatinine 3002 mg/L

Urine
Reporting Limit: 100 mg/L
U.S. Population (10th - 90th percentiles, median)
All participants:
335 - 2370 mg/L, median 1180 (n=22,245)
Males: 495 - 2540 mg/L, median 1370 (n=10,610)
Females: 273 - 2170 mg/L, median 994 (n=11,635)
Analysis by Colorimetry (C)
Testing performed at NMS Labs, Inc.
3701 Welsh Road
Willow Grove, PA 19090-2910
CLIA 39D0197898

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Specific Gravity Confirmation, Urine	18-263-146323	9/20/2018 9:51:00 AM	9/28/2018 10:48:34 AM	10/2/2018 2:14:00 PM
Anabolic Steroids Screen, Urine	18-263-146323	9/20/2018 9:51:00 AM	9/26/2018 1:00:57 PM	10/2/2018 2:14:00 PM

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at: