

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 7/21/1990
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

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 Reporting Limit: 10 ng/mL Synonym(s): Planipart(R) Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)	None Det	ng/mL
Drostanolone Metabolite Urine Reporting Limit: 10 ng/mL Synonym(s): 2alpha-methyl-5alpha-androstan-3alpha-ol-17-one Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)	None Det	ng/mL
Norethandrolone Urine Reporting Limit: 10 ng/mL Synonym(s): 17-hydroxy-19-norpregn-4-en-3-one Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)	None Det	ng/mL
Fluoxymesterone Urine Reporting Limit: 10 ng/mL	None Det	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: 18-270-145321
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 1 of 4 | Printed: 12/9/2020 7:24:27 AM
4848

Synonym(s):
9alpha-fluoro-11beta,17beta-dihydroxy-17alpha-methyl-androst-4-en-3-one
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)
Methandrostenolone None Det ng/mL
Urine
Reporting Limit: 10 ng/mL

Synonym(s):
17-hydroxy-17-methylandrosta-1,4-dien-3-one;
Methandienone
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)
Methandrostenolone Metabolite None Det ng/mL
Urine
Reporting Limit: 10 ng/mL

Synonym(s): Methandienone Metabolite;
6beta-hydroxymethandienone
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)
Methenolone None Det ng/mL
Urine
Reporting Limit: 10 ng/mL

Synonym(s):
(5alpha,17beta)-17-hydroxy-1-methylandrosta-1-en-3-one
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)
Methyltestosterone None Det ng/mL
Urine
Reporting Limit: 10 ng/mL

Synonym(s):
17beta-hydroxy-17alpha-methylandrosta-4-en-3-one
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)
Nandrolone None Det ng/mL
Urine
Reporting Limit: 10 ng/mL

Synonym(s): 17beta-hydroxy-19-norandrosta-4-en-3-one
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)
Nandrolone Metabolite None Det ng/mL
Urine
Reporting Limit: 10 ng/mL

Synonym(s): 5alpha-estran-3alpha-ol-17-one;
norandrosterone
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)
Norandrostenedione None Det ng/mL
Urine
Reporting Limit: 10 ng/mL

Synonym(s): 4-estren-3,17-dione
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)
Norethandrolone Metabolite None Det ng/mL
Urine
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 None Det ng/mL
Urine
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 None Det ng/mL
Urine
Reporting Limit: 10 ng/mL

Synonym(s):
17beta-hydroxy-17alpha-methyl-2-oxandrosta-3-one

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Page 2 of 4 | Printed: 12/9/2020 7:24:27 AM
4848

Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)
Oxymetholone Metabolite None Det ng/mL
Urine
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 None Det ng/mL
Urine
Reporting Limit: 10 ng/mL
Synonym(s): Benemid(R)
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)
Stanozolol None Det ng/mL
Urine
Reporting Limit: 10 ng/mL
Synonym(s):
17alpha-methyl-2'H-androst-2-eno[3,2-c]pyrazol-17beta-o
1
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)
Stanozolol Metabolite None Det ng/mL
Urine
Reporting Limit: 10 ng/mL
Synonym(s): 3'-hydroxystanozolol
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)
Turinabol None Det ng/mL
Urine
Reporting Limit: 10 ng/mL
Synonym(s): dehydrochlormethyltestosterone
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)
Tetrahydrogestrinone None Det ng/mL
Urine
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 None Det ng/mL
Urine
Reporting Limit: 10 ng/mL
Synonym(s): 17a-trenbolone
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)
Testosterone 4.1 ng/mL
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 14 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 0.29
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)

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Page 3 of 4 | Printed: 12/9/2020 7:24:27 AM
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Creatinine 1284 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
Anabolic Steroids Screen, Urine	18-270-145321	9/27/2018 3:45:00 PM	10/2/2018 10:14:09 AM	10/5/2018 11:22:00 AM

END OF CHART

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

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