

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 4/3/1979
Sex: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Itraconazole, Quantitative by LC-MS/MS

ARUP test code 0098519

Itraconazole, Quantitative by LC-MS/MS

1.4 ug/mL (Ref Interval: >=0.6)

INTERPRETIVE INFORMATION: Itraconazole, Quantitative by LC-MS/MS

Therapeutic Ranges

Itraconazole (trough) - Localized Infection Greater than 0.5 ug/mL

Itraconazole (trough) - Systemic Infection Greater than 1.0 ug/mL

Hydroxyitraconazole - No therapeutic range established

Itraconazole is an azole antifungal drug indicated to treat fungal infections. The therapeutic range is based on serum, predose (trough) draw collection at steady-state concentration. The pharmacokinetics of itraconazole are influenced by drug-drug interactions when coadministered with drugs metabolized by cytochrome P450 3A4 enzyme. Itraconazole and hydroxyitraconazole concentrations combined should not exceed 10 ug/mL. Adverse effects may include nausea, abdominal pain, and congestive heart failure.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

Hydroxyitraconazole, Quantitative

1.5 ug/mL

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Itraconazole, Quantitative by LC-MS/MS	22-139-102604	5/19/2022 10:03:00 AM	5/19/2022 10:03:34 AM	5/19/2022 10:26:00 AM
Hydroxyitraconazole, Quantitative	22-139-102604	5/19/2022 10:03:00 AM	5/19/2022 10:03:34 AM	5/19/2022 10:26:00 AM

END OF CHART

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
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 22-139-102604
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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