



Order ID B26368
Provider Sample Provider MD

Specimen
Collected 09/23/2024
Received 09/24/2024
Test Order
Created 09/24/2024
Reported 09/27/2024

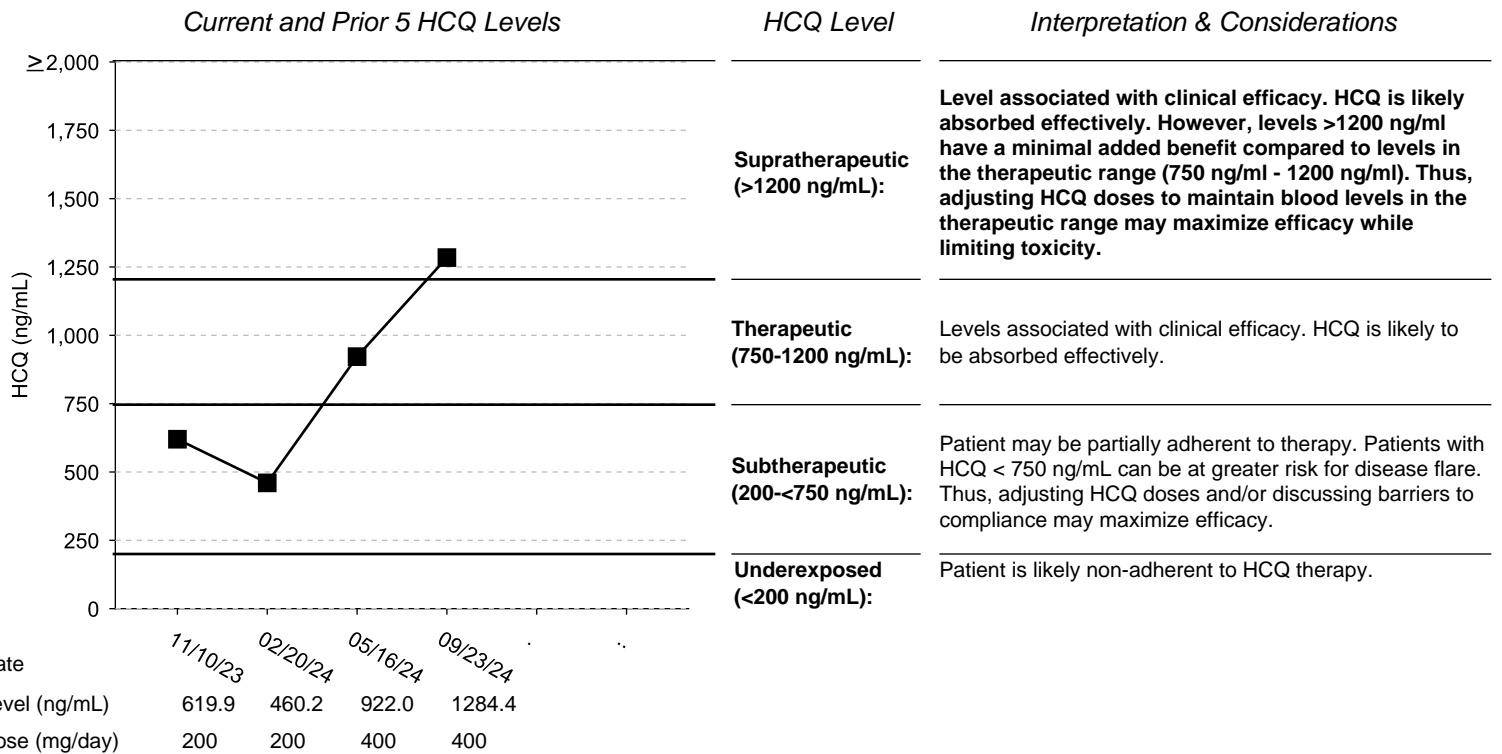
Patient
Sample, Susan
Gender - DOB Female - 01/01/2001
MRN MRN12345

AVISE HCQ Test Report

Current Hydroxychloroquine (HCQ) Level:

1284.4 ng/mL - Supratherapeutic

Current HCQ Dose
(mg/day)
400



Risk Factors

Supratherapeutic: Excessive HCQ levels may arise from (1) **chronic kidney disease stage** (≥ 3 associated with higher odds), (2) **HCQ dose** (400 mg/day associated with higher odds compared to 200mg/day) and (3) **substantial weight loss**⁷.

Test Method Description

HCQ concentration is determined by Liquid Chromatography coupled with Mass Spectrometry (LC/MS/MS).

Test limitations: This test has not been validated in pediatric populations. This test should not be performed on patients receiving HCQ therapy for less than 6 months. This test cannot be used to assess the risk of HCQ toxicity.

References

- Garg S, et al. Arthritis Care Res. 2024 Feb;76(2):241-250. doi: 10.1002/acr.25228.
- Petri M, et al. Arthritis Rheumatol. 2020 Mar; 72(3):448-453. doi: 10.1002/art.41121.
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1261 Liberty Way, Vista CA 92081
CLIA# 05D1075048
CAP# 7201051 | NYSDOH PFI# 8369

Laboratory Director:
Prashanti Reddy, M.D.

Provider Relations: 888.452.1522
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