

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 1/20/1946  
**Gender:** Female  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Homocysteine, Total**

ARUP test code 0099869

Homocysteine, Total

**54 umol/L H (Ref Interval: 0-15)**

The concentration of total homocysteine (serum or plasma) is markedly elevated. Possible causes include vitamin deficiencies (cobalamin, folate, pyridoxine) and inborn errors of metabolism (homocystinuria). Certain drugs (nitrous oxide anesthesia, L-dopa) and renal failure may also contribute to elevated homocysteine concentrations.

INTERPRETIVE INFORMATION: Homocysteine, Total

Elevated total homocysteine (tHcy) concentrations may be associated with vitamin B12 deficiency, folate deficiency, or inherited disorders of methionine metabolism. tHcy may also be used as a weak-graded risk factor for cardiovascular disease or stroke.

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Homocysteine, Total	21-063-115323	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

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

Unless otherwise indicated, testing performed at: