



Urine Thyroid (T3/T4) & Iodine

46-50 Coombe Road
New Malden
Surrey KT3 4QF

63 Zillicoa Street
Asheville, NC 28801
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Patient: ALICE
DE GREY
DOB: April 08, 1979
Sex: F
MRN: B000163864

Order Number: T3310076
Reported: June 18, 2024 12:49
Received: June 18, 2024 04:45
Collected: May 30, 2024 06:58

Karen Carman NT
High View Bungalow
Ceciliford
Trelleck, Monmouthshire NP25 4PT
Great Britain and Northern Ireland

Urine Thyroid Hormones			
Analyte	Result	Units	Normal Range

Results & Ranges

Urine Volume

2,425

mL

T3 - Triiodothyronine (RIA)

1.49

nmol/24h

0.61-3.38

Analyte

Urine T3

1.49

Normal Range (nmol/24h)

0.61-3.38

T4 - Thyroxine (RIA)

0.79 L

nmol/24h

1.03-8.24

Analyte

Urine T4

0.79

Normal Range (nmol/24h)

1.03-8.24

T3 : T4 Ratio

1.89

Ratio

Iodine

Iodine (Urine)

43 L

Analyte

Iodine

43

Normal Range (µg/L)

100-199 *

* See comments regarding reference range for pregnant women.

Commentary

Testing performed by BIOMNIS (ISO 15189:2012 accreditation 493519904).

Commentary

According to OMS (2004)

<20 µg/L: Severe iodine deficit

20 - 49 µg/L: Moderate iodine deficit

50 - 99 µg/L: Slight deficit

100 - 199 µg/L: Normal level

200 - 299 µg/L: Risk of overdose

>= 300 µg/L: Risk of iodine poisoning, with the appearance of hyperthyroidism and auto- immune thyroid disease

In pregnant women

150 - 249 µg/L: Normal level

250 - 499 µg/L: Risk of iodine overdose

>=500 µg/L: Risk of iodine poisoning