



Parkgate House
356 West Barnes Lane
New Malden, Surrey KT3 6NB

63 Zillicoa Street
Asheville, NC 28801 USA

Patient: **Order Number:**
 DOB: Completed:
 Sex: Received:
 MRN: Collected:

Sample Type - Serum	Result	Reference Range	Units
---------------------	--------	-----------------	-------

Peripheral Thyroid Function

Reverse T3 (rT3) *	0.55	H		0.14-0.54 nmol/L
--------------------	------	---	--	------------------

[* Analysis Performed by Genova Diagnostics USA]

Commentary

Commentary is provided to the practitioner for educational purposes, and should not be interpreted as diagnostic or treatment recommendations. Diagnosis and treatment decisions are the responsibility of the practitioner.

Reverse T3 (rT3) is measured to be above the reference range, indicating increased peripheral conversion of T4 into rT3. Increased rT3 levels are frequently observed in severe calorie restriction (fasting, etc.), in prolonged immune activation (e.g., chronic viral infections), in severe non-thyroidal illness, in insulin-dependent diabetes mellitus or in severe insulin resistance, and in prolonged or severe stress.

Increased production of rT3 is usually observed in conjunction with decreased T3 production and indicates an adaptive change in order to conserve energy.