



Greyhound Thyroid Panels

As we are sure you are aware, greyhounds and other sighthounds (e.g. Saluki's) have total serum thyroxine (TT4) levels that are lower than those of other breeds of dog.

Thyroid investigation is not uncommon in greyhounds as part of the work up for poor performance, behavioural changes, bald thighs and fertility concerns. Previous attempts at creating reference ranges for Total T4 and Free T4 in these breeds have often resulted in a lower-end of the reference range that is below the limit of detection of most thyroid assays. The RIA Total T4 method we use at NationWide Specialist Labs is accurate to much lower levels (<4.0 nmolL) and therefore is very helpful in thyroid investigation for Greyhounds and other sighthounds.

Reference ranges for total serum tri-iodothyronine (TT3) and thyrotropin (TSH) have been similar between greyhounds and other breeds.

NationWide Specialist Laboratories have put together profiles of thyroid tests specifically suitable for the greyhound breed.

Test Code	Test name	Sample	Results Reported
GTH1	Greyhound thyroid investigation Sensitive total T4, total T3, TSH And TGAA	1ml Serum	Weekly
GT2	Greyhound thyroid monitoring Sensitive total T4, total T3, TSH	1ml Serum	Weekly

Contact the laboratory for more information.

A detailed review of relevant literature can be found at:

<http://www.thedogs.co.uk/thyroidfunction.aspx>



For further information contact
NationWide Specialist Laboratories
 Unit 2, Sawston Park, London Road,
 Pampisford, Cambridge, CB22 3EE
 T. 01223 493400 F. 01223 493404
 email: info@cslabs.co.uk or visit www.thehormonelab.com