



Finecare™ Vet

Total T4 (Thyroxine) Interpretation Chart

This Canine Total T4 Reference Chart is designed to work only with the Wondfo FineCareVet test kits. Comparing values to laboratory results using different analyzers will not render useful comparisons. This test is not intended to diagnose, treat, or cure thyroid diseases, and is to be used as a screening tool only. This test is not intended to replace standard veterinarian testing and screening. Incorrect testing procedures and assay handling will render the test result invalid.

Decreased Range

<1.5 ug/dL
<19 nMol/L Hypothyroidism suspected, consult with your veterinarian

Normal Range

1.5-3.3 ug/dL
19-42 nMol/L Animals with results within this range are expected to have normal thyroid function

Elevated T4 Range

>3.3 ug/dL
>42 nMol/L Hyperthyroidism suspected, consult with your veterinarian

Conversion Factors

1 nMol/L x 12.87 = 1 ug/dL

1 ug/dL / 12.87 = 1 nMol/L

Divide your result in nMol/L by 12.87 to arrive at result in ug/dL

The ranges listed above has been compiled through reference range study using 42 different female canine serum samples, all in stages of their estrous cycle to generate ranges based on normal population distribution. Numbers from other analyzers will always have different ranges since every analyzer has a different method of measurement. Study was performed by Samuel Decker of MR Diagnostic Services. Intellectual property of MR Diagnostic Services 2023

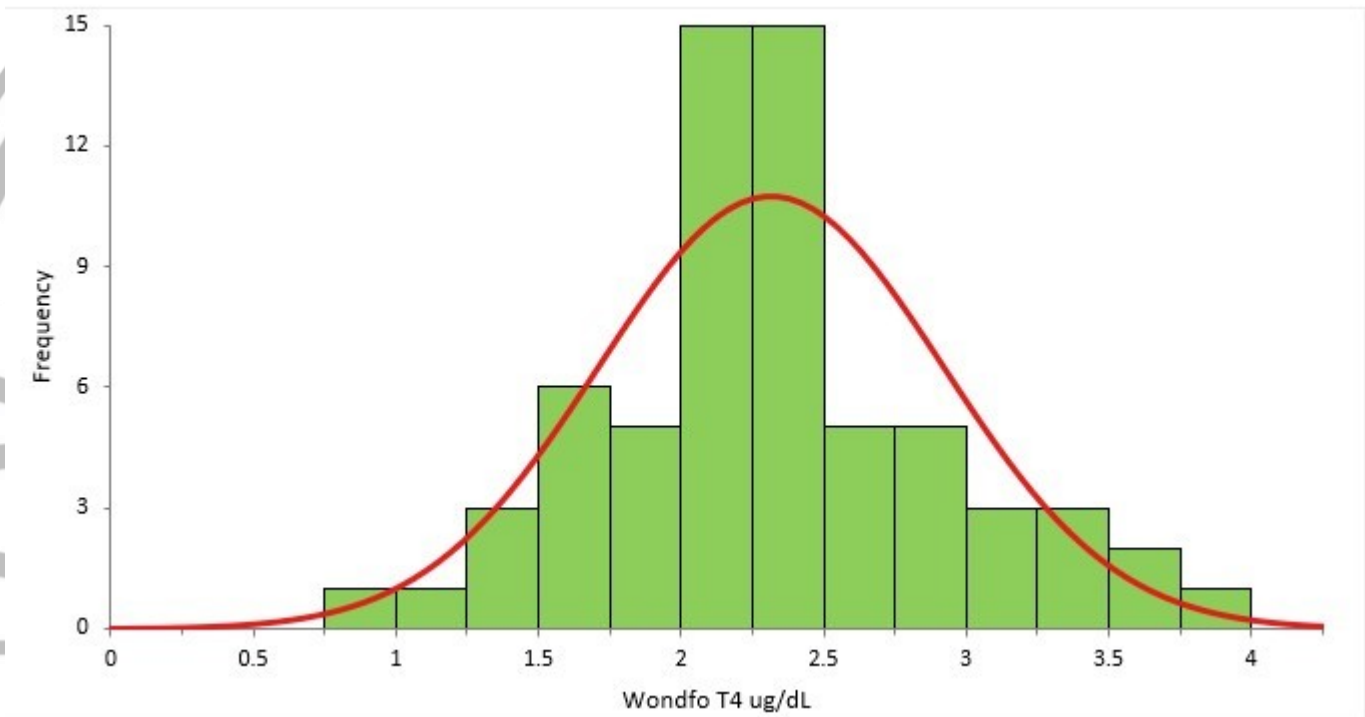
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An in-house study was performed and self-funded by CanineP4.com (intellectual property rights owner) with a healthy group of female dogs using the Wondfo total canine T4 serum tests. The distribution is as below. Expected normal are given in the front of the chart.



What is T4 (Thyroxine) and what are the Implications?

The Wondfo Total T4 tests is a measure of the bound and free, or total, measure of thyroxine in serum and is used to screen for both under and overactive thyroid glands.

Lower thyroid levels are generally associated with a slower metabolism, pregnancy implications, and greater fatigue in the animal.

Higher thyroid levels may be caused by certain cancers and autoimmunity attacking the thyroid gland, commonly known as autoimmune thyroiditis.

Many breeds are disposed to abnormal thyroid conditions including: Akitas, Beagles, Golden Retrievers, Cocker Spaniel, and many more.

Data and values provided are sole ownership of www.caninep4.com and MR Diagnostic Services, unauthorized use and dissemination of this information is not allowable except through written consent.

CanineP4 and MR Diagnostic Services 2023