



## HEMOPET / HEMOLIFE

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### TECHNOLOGY BREAKTHROUGH -- THE NEW HEMOLIFE THYROID 5 PANEL

Dear Colleagues,

We proudly announce a revision of our basic Thyroid Antibody Panel starting Jan 1, 2009. The new Thyroid Antibody Panel called **Thyroid 5** will be composed of **T4, Free T4, T3, Free T3 and TGAA**.

The TGAA (thyroglobulin autoantibody) test is included for genetic screening of breeds and cross-breeds at risk for heritable autoimmune thyroiditis. The confirmatory TGAA method is preferred because it removes any non-specific binding that could falsely elevate the result. Also, since ~ 8% of thyroiditis cases have high circulating T3AA and/or T4AA *but normal TGAA*, T3AA and T4AA will be measured **IF** warranted from initial results or when either of these tests were previously high.

As relatively few cases have high T3AA and/or T4AA, it will be more cost effective for clients to have the new Thyroid 5 profile run rather than our current D8T + TGAA combination.

The Thyroid 5 panel still requires at least 1.5 mL separated serum sample.

Other Hemolife *in-house* diagnostic services:

- ♥ Personal diagnostic assessment with consultation and recommendations from Dr. Dodds.
- ♥ Vaccine Antibody Titer testing and Heartworm Antigen.

HEMOLIFE, the Diagnostic Division of Hemopet, provides the most comprehensive diagnostic profiles for detecting and interpreting autoimmune thyroiditis and hypothyroidism, with reference ranges based on age, sex, breed, and activity. No other diagnostic laboratory offers this technology or provides clients with the detail, personal assessment, and recommendations offered by Dr. Dodds and her staff.

We use novel, 'green' non-RIA technology never offered before in veterinary medicine (patent pending). Please join the leading team !

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[www.hempet.org](http://www.hempet.org)

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