

Laboratory Test Results

Name: Ted Smith

Date of Test: February 23, 2009

Date of Birth: September 14, 1988

Date of Results: February 25, 2009

Your Test Results

TSH: 0.341 uIU/mL

Free T4: 0.96 ng/dL

Free T3: 2.52 pg/mL

TPO: 11.0 IU/mL
Anti-Thyropoxidase antibody

Tg: 421.4 IU/mL
Anti-Thyroglobulin antibody

Reference Ranges

TSH: 0.300 – 3.000 uIU/mL

Free T4: 0.71 – 1.85 ng/dL

Free T3: 1.45 – 3.48 pg/mL

TPO: 0.00 – 12.0 IU/mL
Anti-Thyropoxidase antibody

Tg: 0.00 – 45 IU/mL
Anti-Thyroglobulin antibody

Observation

Test results indicate your Anti-Thyroglobulin antibodies are high and require further evaluation. Your overall thyroid function is currently within the normal range. With the presence of thyroid antibodies, it is recommended that you discuss with your doctor if thyroid treatment (or adjustment in current dosing) would be beneficial.

Thyroglobulin (Tg) is a protein normally produced by the thyroid gland. A Tg-antibody test detects antibodies against Tg in the blood. The presence of Tg-antibodies in your blood may suggest the cause of thyroid disease is due to an autoimmune disorder such as Hashimoto's or Graves' disease. Some people without thyroid disease may have Tg-antibodies. Furthermore, the presence of Tg-antibodies may increase the risk of future thyroid disease. In addition, medical evidence indicates thyroid disease is hereditary. Therefore, it is important to have linear family members tested for potential thyroid conditions.

It is recommended that you call your primary care physician or an Endocrinologist to receive further information and possible medical treatment.

Thank you for choosing ThyroidCheck.

Laboratory Test Results

Name: Jane Doe

Date of Test: February 26, 2009

Date of Birth: February 11, 1962

Date of Results: February 27, 2009

Your Test Results

TSH: 0.012 uIU/ml

Free T4: 0.84 ng/dL

Free T3: 4.41 pg/mL

TPO-Ab: 327.7 IU/mL
Anti-Thyropoxidase antibody

Tg-Ab: 12.9 IU/mL
Anti-Thyroglobulin antibody

Reference Ranges

TSH: 0.300 – 3.000 uIU/mL

Free T4: 0.71 – 1.85 ng/dL

Free T3: 1.45 – 3.48 pg/mL

TPO: 0.00 – 12.0 IU/mL
Anti-Thyropoxidase antibody

Tg: 0.00 – 45 IU/mL
Anti-Thyroglobulin antibody

Observation

Your overall thyroid function is currently abnormal, indicating an excess of thyroid hormone in your system. In addition, the Anti-Thyropoxidase Antibody (TPO) is elevated. The presence of thyroid antibodies in your blood suggests the cause of thyroid disease is due to an autoimmune disorder such as Hashimoto's or Graves' disease.

You have indicated that you are on thyroid medication. These results indicate that you are receiving too much medication and the dose likely needs to be decreased. It is recommended that you discuss with your doctor the current thyroid medication dose as well as any adjustment that should be made.

TPO, an enzyme normally found in the thyroid gland, plays an important role in the production of thyroid hormones. A TPO-antibody test detects antibodies against the TPO in the blood. The presence of TPO-antibodies in the blood may suggest that a person has an autoimmune thyroid disorder such as Hashimoto's or Graves' disease. Some people without thyroid disease may have TPO antibodies. Even in individuals with currently normal thyroid function tests, the presence of TPO-antibodies may increase the risk of future thyroid disease. In addition, medical evidence indicates thyroid disease is hereditary. Therefore, it is important to have linear family members tested for potential thyroid conditions.

It is recommended that you call your primary care physician or an Endocrinologist to receive further information and possible adjustment of your current medication.

Thank you for choosing ThyroidCheck.