

Anti-Thyroglobulin (a-Tg) and anti-Thyropoxidase (a-TPO) autoantibodies are very important markers for thyroiditis since a negative testing result excludes this diagnosis. 98% of thyroiditis patients have antibodies against either one or both of these antigens. 30% of patients with Graves' Disease and 85% of patients with Hashimoto's thyroiditis have these antibodies.

About 10% of individuals have anti-Tg antibodies at low levels which are considered to be a potential primary risk factor for future autoimmune thyroid dysfunction.

Elevated Thyroglobulin (Tg) serum values occur in hyperthyroidism, non-toxic goiter, thyroiditis and thyroid carcinoma. The main indication for Tg testing is for postoperative monitoring of differentiated carcinoma since it can be useful in the early detection and exclusion of metastases or tumor relapses and in the follow-up of radioiodine treatments.

AESKULISA® Anti-Thyroglobulin (a-Tg), anti-Thyropoxidase (a-TPO) and Thyroglobulin (Tg):

All our thyroid kits are calibrated against the international standards and provide you with accurate results and an excellent lot to lot consistency proved by the continuous good scores at different international external quality control schemes for Thyroid testing (UKNEQAS, DGKL, RCPA, CAP).

The **AESKULISA®** Tg kit includes a recovery reaction to assure that the patient has no anti-Tg antibodies. The Tg recovery is measured by addition of a defined amount of Tg to exclude unspecific factors in determination of endogenous Tg. If the results do not show exactly the "spiked" value the patient has anti-Tg antibodies.

REF 3400



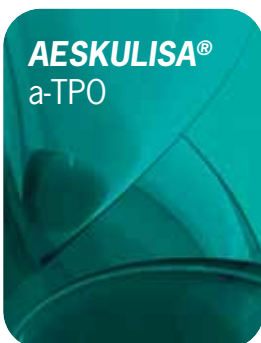
AESKULISA®
a-Tg

Conjugate:
anti-human IgG-HRP
Equivocal Zone:
120 - 180 IU/ml
Standard Range:
0-3000 IU/ml
Kit Configuration:
Single-G

Antigens coated:
Native human thyroglobulin

Enzyme-linked immunoassay (ELISA) for the quantitative and qualitative determination of IgG autoantibodies to thyroglobulin (Tg) in human serum

REF 3401



AESKULISA®
a-TPO

Conjugate:
anti-human IgG-HRP
Equivocal Zone:
40 - 60 IU/ml
Standard Range:
0-3000 IU/ml
Kit Configuration:
Single-G

Antigens coated:
Human recombinant thyroid peroxidase

Enzyme-linked immunoassay (ELISA) for the quantitative and qualitative determination of IgG autoantibodies to thyroid peroxidase (TPO) in human serum

REF 3402



AESKULISA®
Tg

Conjugate:
monoclonal anti-thyroglobulin - HRP
Standard Range:
3.75 - 60 ng/ml
Sample Volume:
100 µl serum, undiluted

Antibody coated:
Monoclonal anti-thyroglobulin antibodies

Total incubation time:
180 min

Recovery:
10 ng/ml

Enzyme-linked immunoassay (ELISA) for the quantitative determination of thyroglobulin (Tg) in human serum