

AUTOZYME™ TAB

Anti-thyroid peroxidase antibodies

- **Accuracy** - calibration to IRP NIBSC 66/387 & internal controls
- **Flexibility** - kit can be run manually or on an automated system
- **Methodology** - allows simultaneous measurement
- **Practicality** - "break a well" strips allows economic use
- **Ready to use** - colour coded reagents
- **Specificity** - use of recombinant human thyroid peroxidase antigen

• Indication

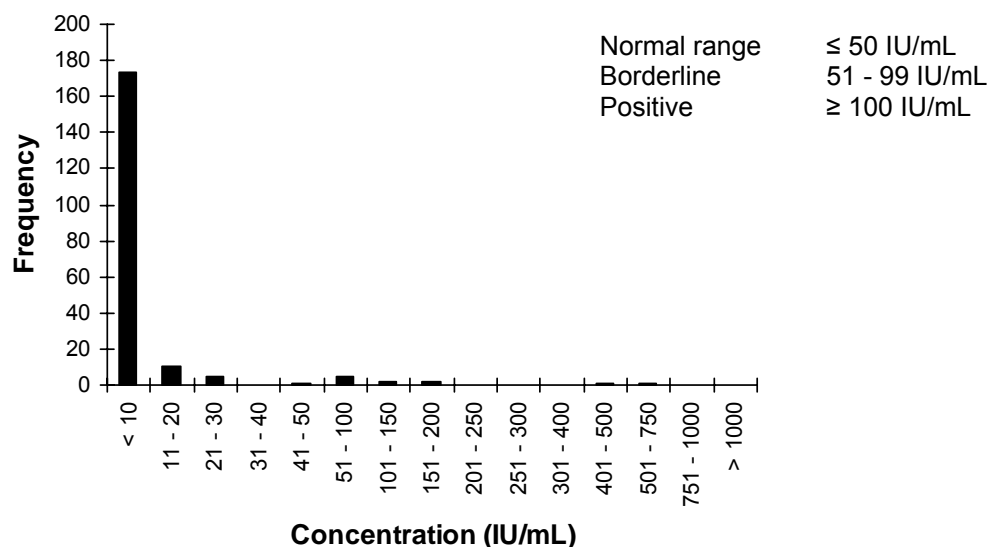
The AUTOZYME™ TAB Anti-thyroid peroxidase (TPO) antibodies kit is a sandwich immunoassay for the quantitative detection of anti-TPO antibodies in human serum.

• Summary and explanation of test

Autoimmune thyroid gland disorders are characterised by the detection of anti-thyroid antibodies against thyroglobulin, thyroid microsomes and thyroid peroxidase. TPO has been identified as the specific antigenic determinant of the thyroid microsomal antigen. TPO autoantibodies occur in the sera of most autoimmune thyroid disease patients and predict raised serum TSH levels in random populations but do not necessarily imply tissue destruction.

The AUTOZYME™ TAB Anti-TPO antibodies kit uses recombinant human thyroid peroxidase which does not contain contaminating thyroglobulin and/or mitochondria found in other microsomal antigen preparations. The assay is designed for both manual and automated methodologies.

• Reference ranges



- **Related Products:** AUTOZYME™ ACL, ENA, IFAB, nDNA, RF
- **Instructions for use & Safety data sheets available on-line at:** <http://www.clsdiagnostics.com/downloads/>

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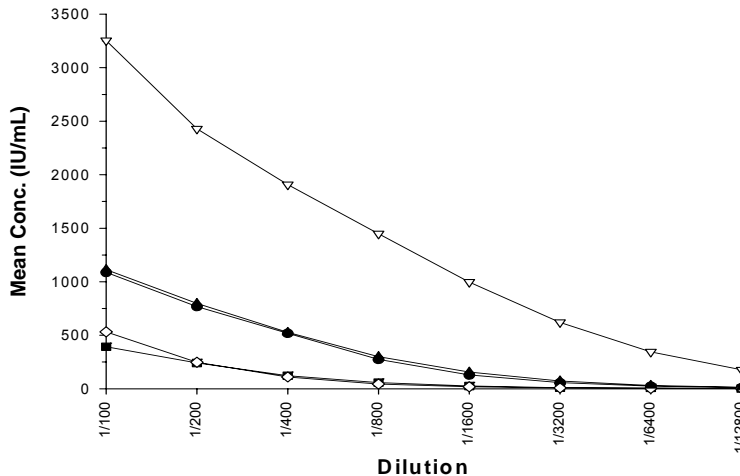
Catalogue No. Z2396



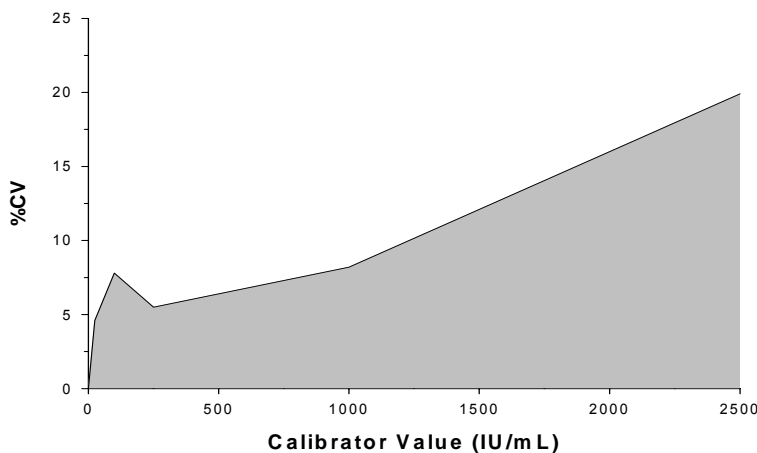
• Precision

Intra-assay precision (n = 20)		Inter-assay precision (n = 12)	
Mean (IU/mL)	CV (%)	Mean (IU/mL)	CV (%)
500.3	8.3	565.2	18.1
902.9	7.9	932.3	17.2
259.7	10.5	231.8	9.6

• Linearity



• Precision profile of the working range



Cambridge Life Sciences Ltd.
 14 St. Thomas' Place, Cambridgeshire Business Park,
 Ely, Cambs, CB7 4EX, UK
 Telephone: +44 (0)1353 645200 Fax: +44 (0)1353 645250
 E-mail: sales@clsdiagnostics.com
<http://www.clsdiagnostics.com/>

Test procedure

