

## Rat Anti-Thyroid Peroxidase Antibody (Anti-TPO) ELISA Kit

Catalogue No.: abx585621

Rat Anti-Thyroid Peroxidase Antibody (Anti-TPO) ELISA Kit is an ELISA Kit for the in vitro quantitative measurement of Rat Anti-Thyroid Peroxidase Antibody (Anti-TPO) concentrations in serum, plasma and other biological fluids.

|                               |                                                                                                                                                                                                                                                                                                                                                                               |
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| <b>Target:</b>                | Anti-Thyroid Peroxidase Antibody (TPO)                                                                                                                                                                                                                                                                                                                                        |
| <b>Research Area:</b>         | Enzymes and Kinases, Endocrinology, Hormone Metabolism                                                                                                                                                                                                                                                                                                                        |
| <b>Reactivity:</b>            | Rat                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Tested Applications:</b>   | ELISA                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Recommended dilutions:</b> | Optimal dilutions/concentrations should be determined by the end user.                                                                                                                                                                                                                                                                                                        |
| <b>Storage:</b>               | Shipped at 4°C. Upon receipt, store the kit according to the storage instruction in the kit's manual.                                                                                                                                                                                                                                                                         |
| <b>Validity:</b>              | The validity for this kit is at least 6 months. Up to 12 months validity can be provided on request.                                                                                                                                                                                                                                                                          |
| <b>Stability:</b>             | The stability of the kit is determined by the rate of activity loss. The loss rate is less than 5% within the expiration date under appropriate storage conditions. To minimize performance fluctuations, operation procedures and lab conditions should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same user throughout. |
| <b>UniProt Primary AC:</b>    | P14650 ( <a href="#">UniProt</a> , <a href="#">ExpASY</a> )                                                                                                                                                                                                                                                                                                                   |
| <b>Gene Symbol:</b>           | TPO                                                                                                                                                                                                                                                                                                                                                                           |
| <b>GeneID:</b>                | <a href="#">54314</a>                                                                                                                                                                                                                                                                                                                                                         |
| <b>Ensembl:</b>               | ENSRNOG000000004646                                                                                                                                                                                                                                                                                                                                                           |
| <b>String:</b>                | <a href="#">10116.ENSRNOP000000006526</a>                                                                                                                                                                                                                                                                                                                                     |
| <b>Test Range:</b>            | 3.12 ng/ml - 200 ng/ml                                                                                                                                                                                                                                                                                                                                                        |
| <b>Sensitivity:</b>           | < 1.12 ng/ml                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Detection Method:</b>      | Colorimetric                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Assay Type:</b>            | Indirect                                                                                                                                                                                                                                                                                                                                                                      |

# Datasheet

Version: 2.0.0

Revision date: 10 Oct 2025



**Assay Data:** Quantitative

**Sample Type:** Serum, plasma and other biological fluids.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES.

The range and sensitivity is subject to change. Please contact us for the latest product information. For accurate results, sample concentrations must be diluted to mid-range of the kit. If you require a specific range, please contact us in advance or write your request in your order comments. Please note that our kits are optimised for detection of native samples, rather than recombinant proteins. We are unable to guarantee detection of recombinant proteins, as they may have different sequences or tertiary structures to the native protein.

For Reference Only