



DataSheet

CATALOGUE #: 8T58

PRODUCT NAME: Human thyroid peroxidase (TPO)

- Source:** Human thyroid gland.
Blood sample from the tissue donors was tested and found negative for HBsAg, HIV-1 and HIV-2 antibodies, HCV, and syphilis.
- Applications:** TPO is the primary enzyme involved in thyroid hormone synthesis. The immunological measurements of TPO and specific antibodies directed against TPO have been of great value in the screening and monitoring of Hashimoto's thyroiditis and other thyroid diseases.
- Analysis:** Purity > 90 % (SDS-PAGE)
Immunological identity confirmed by reaction with monoclonal antibody that is specific for human thyroid peroxidase.
- Presentation:** Lyophilized from 20 mM Tris-HCl, pH 7.5, containing 50 mM KCl and 0.1 mM KI.
Product is recommended to reconstitute with distilled water.
- Storage:** Before and after reconstitution at -20 °C (-15 ... -30 °C allowed)
- Other information:** This product is available only in research amounts.
- Material safety note:** This product is sold **for research use only**. Standard Laboratory Practices should be followed when handling this material.

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