

Human Thyroid Peroxidase IgG ELISA Kit | TPQ elisa kit

Thyroid Peroxidase (TPQ) IgG ELISA Kit

CATALOG # AAA77726	REACTIVITY Human
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PRODUCT SYNONYMS

Thyroid Peroxidase IgG; Thyroid Peroxidase (TPQ) IgG ELISA Kit; Thyroid Peroxidase (TPO) IgG ELISA; TPQ elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	38
Samples	Human serum or plasma
Preparation and Storage	Product should be stored at 2-8 degree C. Product is stable for 24 months from the date of manufacturing.

ADDITIONAL INFORMATION

Related Product Information for TPQ elisa kit	Principle of the Assay: Diluted patient serum is added to wells coated with purified TPO recombinant antigen. TPO IgG specific antibody, if present, binds to the antigen. All unbound materials are washed away and the enzyme conjugate is added to bind to the antibody-antigen complex, if present. Excess enzyme conjugate is washed off and substrate is added. The plate is incubated to allow the hydrolysis of the substrate by the enzyme. The intensity of the color generated is proportional to the amount of IgG specific antibody in the sample. Intended Uses: Thyroid Peroxidase (TPO) IgG ELISA Kit is intended for the detection of IgG antibody to Thyroid Peroxidase in human serum or plasma.
Product Categories/Family for TPQ elisa kit	Autoimmune Disorders

NCBI AND UNIPROT INFORMATION

NCBI GI #	4261820
NCBI GeneID	7173
UniProt Accession #	P07202 ; P09934 ; P09935 ; Q8IUL0 ; Q8NF94 ; Q8NF95 ; Q8NF96 ; Q8NF97 ; Q8TCI9
Molecular Weight	92,063 Da
NCBI Official Full Name	thyroid peroxidase, partial
NCBI Official Synonym Full Names	thyroid peroxidase
NCBI Official Symbol	TPO
NCBI Official Synonym Symbols	MSA; TPX; TDH2A
NCBI Protein Information	thyroid peroxidase; thyroid microsomal antigen; thyroperoxidase
UniProt Protein Name	Thyroid peroxidase
UniProt Gene Name	TPO
UniProt Synonym Gene Names	TPO

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/tpq-human-elisa-kits/thyroid-peroxidase-igg/77726>