

Human Thyroid stimulating immunoglobulin (TSI) ELISA Kit | TSI elisa kit

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CATALOG #
AAA190339

REACTIVITY
Human

PRODUCT SYNONYMS

Thyroid stimulating immunoglobulin (TSI); Human Thyroid stimulating immunoglobulin (TSI) ELISA Kit; TSI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human TSI. No significant cross-reactivity or interference between Human TSI and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	1.25 uIU/mL - 40 uIU/mL
Sensitivity	1 uIU/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2-8 degree C

ADDITIONAL INFORMATION

Related Product Information for TSI elisa kit

Principle of the Assay: This assay employs a two-site sandwich enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to TSI. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated antibody preparation specific for TSI and incubated. Then substrate solution A and B are added to each well. Only those wells that contain TSI, HRP-Conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of TSI in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: For the quantitative detection of Human Thyroid stimulating immunoglobulin (TSI) concentration in serum, plasma and other biological fluids.

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/human-elisa-kits/thyroid-stimulating-immunoglobulin-tsi/190339>