

Human Ultrasensitive thyroid-stimulating hormone ELISA Kit | U-TSH elisa kit

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CATALOG #
AAA83777

REACTIVITY
Human

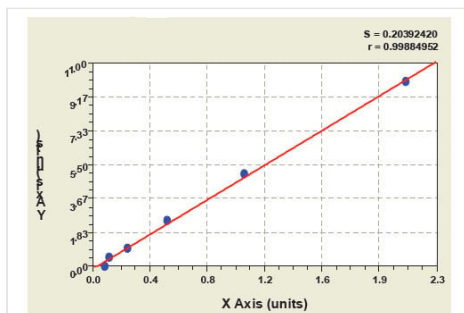
PRODUCT SYNONYMS

Ultrasensitive thyroid-stimulating hormone; Human Ultrasensitive thyroid-stimulating hormone ELISA Kit; U-TSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	0.25-5mIU/L
Sensitivity	0.1mIU/L
Intended Uses	This U-TSH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human U-TSH. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for U-TSH elisa kit

Principle of the Assay: U-TSH ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for U-TSH. Standards or samples are then added to the microtiter plate wells and U-TSH if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of U-TSH present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for U-TSH are added to each well to "sandwich" the U-TSH immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain U-TSH and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The U-TSH concentration in each sample is interpolated from this standard curve.

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://stage.aaabiotech.com/u-tsh-human-elisa-kits/ultrasensitive-thyroid-stimulating-hormone/83777>