

Bovine Thyroid stimulating hormone ELISA Kit | TSH elisa kit

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CATALOG #
AAA92041

REACTIVITY
Bovine

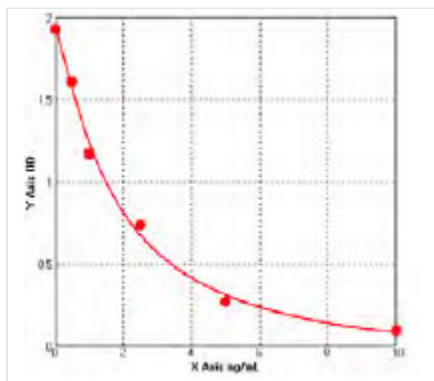
PRODUCT SYNONYMS

Thyroid stimulating hormone; Bovine Thyroid stimulating hormone ELISA Kit; TSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSH elisa kit

Intended Uses: This TSH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine TSH. This ELISA kit for research use only!

Principle of the Assay: TSH ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TSH antibody and an TSH-HRP conjugate. The assay sample and buffer are incubated together with TSH-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TSH concentration since TSH from samples and TSH-HRP conjugate compete for the anti-TSH antibody binding site. Since the number of sites is limited, as more sites are occupied by TSH from the sample, fewer sites are left to bind TSH-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TSH concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	469236
Molecular Weight	148,227 Da
NCBI Official Full Name	Tsh
UniProt Protein Name	Temperature-sensitive hemagglutinin tsh autotransporter
UniProt Gene Name	tsh
UniProt Entry Name	TSH_ECOLX

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/tsh-bovine-ovine-elisa-kits/thyroid-stimulating-hormone/92041>