

Technical Data Sheet

Product

Anti-hTSH Purified

Cat. Number/Size

11-124-C025

0.025 mg

11-124-C100

0.1 mg

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen

hTSH

Clone

TSH-51

Format

Purified

Reactivity

Human

Application

ICC, ELISA, RIA

Application details

RIA: The antibody TSH-51 is suitable in combination with the antibody TSH-116 for immunometric assays in the screening of neonatal hypothyroidism.

Isotype

Mouse IgG2a

Specificity

The antibody TSH-51 reacts with human thyroid stimulating hormone (hTSH, thyrotropin), a glycoprotein hormone produced by the anterior pituitary gland cells in response to signals from the hypothalamus gland in the brain. The TSH-51 antibody reacts with association constant 5.5×10^{10} l/mol. Following cross-reactivity expressed as binding of labelled hormone (% of total) was determined by solid phase RIA with excess of the antibody TSH-51: hTSH (68.6), hCG (0.03), hLH (2.99), hFSH (0.66).

Other names

Thyrotropin

Immunogen

Human thyrotropin.

Concentration

1 mg/ml

Preparation

Purified by protein-A affinity chromatography.

Formulation

Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

Storage and handling

Store at 2-8°C. Do not freeze.

Images and References

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