

T4 ELISA kit, Fast, Serum & Plasma

Ref: TF-E-2400

This T4 ELISA kit is designed for the quantitative determination of total Thyroxine in serum and plasma samples (EDTA, lithium heparin, or citrate) to evaluate thyroid dysfunction. Suitable for both in vitro diagnostic and research purposes, this rapid assay (100 minutes) features a 96-well plate format, enabling efficient screening of large experimental series with minimal turnaround time.

Sample type	EDTA, lithium heparin or citrate plasma
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Capacity	96 tests
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Sensitivity	8.0 nmol/l
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Range	0/25 - 250 nmol/l
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Assay time	100 min
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Reactivity	Reacts with all species
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INFORMATIONS

Product overview

Product name	T4 ELISA 2nd generation
Description	<i>In vitro</i> diagnostics / Research enzyme immunoassay (ELISA) for the quantitative determination of total Thyroxine in serum and plasma samples.
Labels	IVD (EU only) or RUO, CE
Format	96-well plate
Samples	Serum, Plasma (EDTA, lithium heparin, or citrate)
Sample volume	10µL
Reactivity	Reacts with all species
Standard range	0/25 - 250 nmol/l
Sensitivity	8.0 nmol/l
Specificity	No significant cross-reactivity was observed with Thyroxine analogs such as T3 (3,3',5-triiodothyronine), rT3 (3,3',5-triiodothyronine, reverse T3), 3,5-Diiodothyronine.
Assay time	95 min preparation, 5-10 min ELISA

PROTOCOLS

Sample collection & storage

Store at 2-8°C for up to 6 months

Plasma/Serum: EDTA-, lithium- heparin-, citrate- samples stored at 2-8°C for up to 48h or -20°C for longer period (up to 6 months). Do not use haemolytic, icteric, or lipemic samples

Sample preparation

Sample incubation (5 min) and enzyme conjugation (80 min)

ELISA

Incubation, revelation and read steps (5 to 10 min)

Detailed protocol

RUO: [Download instructions for use](#)

IVD: [Download protocol for IVD](#)

REFERENCES

Not cited yet

Product pictures



T4 ELISA kit, Fast, Serum & Plasma

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Contact information

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To order, review, ask for technical support, visit product page at:

<https://www.immusmol.com/shop/t4-elisa-kit-fast-serum-plasma/>