

# 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.

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

## Product overview

<b>Product name</b>	T4 ELISA 2nd generation
<b>Description</b>	<i>In vitro</i> diagnostics / Research enzyme immunoassay (ELISA) for the quantitative determination of total Thyroxine in serum and plasma samples.
<b>Labels</b>	IVD (EU only) or RUO, CE
<b>Format</b>	96-well plate
<b>Samples</b>	Serum, Plasma (EDTA, lithium heparin, or citrate)
<b>Sample volume</b>	10µL
<b>Reactivity</b>	Reacts with all species
<b>Standard range</b>	0/25 – 250 nmol/l
<b>Sensitivity</b>	8.0 nmol/l
<b>Specificity</b>	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.
<b>Assay time</b>	95 min preparation, 5-10 min ELISA

## PROTOCOLS

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**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

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**Sample preparation**

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

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**ELISA**

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

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**Detailed protocol**

RUO: [Download instructions for use](#)

IVD: [Download protocol for IVD](#)

## REFERENCES

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Not cited yet

## Product pictures

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**T4 ELISA kit, Fast, Serum & Plasma**

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## Contact information

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Immusmol

229 Cours de l'Argonne

33 000 Bordeaux - France

Tel: +33 (0) 5 6431 1170

[www.immusmol.com](http://www.immusmol.com)

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

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