

# Reverse T3 (rT3) ELISA kit, Fast, Serum & Plasma

Ref: TF-E-2500

This Reverse T3 ELISA kit is intended for the quantitative measurement of reverse Triiodothyronine (rT3) in serum and plasma samples (EDTA, lithium heparin, or citrate) to assess thyroid function. Designed for both in vitro diagnostic and research applications, this fast and reliable assay (105 minutes) utilizes a 96-well plate format, making it ideal for high-throughput screening with quick turnaround times.

<b>Sample type</b>	EDTA, lithium heparin or citrate serum or plasma
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<b>Capacity</b>	96 tests
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<b>Sensitivity</b>	0.014 ng/mL
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<b>Range</b>	0/0.02 – 2 ng/mL
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<b>Assay time</b>	105 min
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<b>Reactivity</b>	Reacts with all species
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## INFORMATIONS

<b>Product name</b>	Reverse T3 (rT3) ELISA
<b>Description</b>	<i>In vitro</i> diagnostics / Research enzyme immunoassay (ELISA) for the quantitative determination of Reverse Triiodothyronine 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>	25µL
<b>Reactivity</b>	Reacts with all species
<b>Standard range</b>	0/0.02 – 2 ng/mL
<b>Sensitivity</b>	0.014 ng/mL
<b>Specificity</b>	No significant cross-reactivity was observed with Reverse Triiodothyronine (rT3) such as Thyroxine (T4), triiodothyronine (T3) [3,3',5-triiodothyronine], 3,5-Diiodo-L-thyronine (T2).
<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**

Reverse T3-Biotin conjugation (60 min) and Streptavidin-HRP conjugate conjugation (80 min)

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**ELISA**

Incubation, revelation and read steps (10 to 20 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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**Reverse T3 (rT3) ELISA TF-E-2500**

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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/reverse-t3-rt3-elisa-kit-fast-serum-plasma/>