

# 25-OH Vitamin D ELISA kit I Fast I

## Serum and Plasma

Ref: MS-E-5800

This 25-OH Vitamin D ELISA kit allows for the precise quantification of 25-hydroxyvitamin D in both plasma and serum samples. 25-OH Vitamin D, which is synthesized in the liver from vitamin D, is crucial for evaluating vitamin D deficiency, affecting bone health, immune function, and muscle function. The kit is suitable for both in vitro diagnostic and research purposes, featuring a 96-well plate format that supports high-throughput testing and ensures rapid results.

<b>Sample type</b>	Serum and plasma
<b>Capacity</b>	96 tests
<b>Sensitivity</b>	3.224 ng/mL
<b>Range</b>	0/5 - 120 ng/mL
<b>Assay time</b>	105 min
<b>Reactivity</b>	Any species

## INFORMATIONS

<b>Product name</b>	25-OH Vitamin D (total) ELISA
<b>Description</b>	<i>In vitro</i> diagnostics / Research enzyme immunoassay (ELISA) for the quantitative determination of total 25-OH Vitamin D in serum or plasma.
<b>Labels</b>	IVD (EU only) or RUO, CE
<b>Format</b>	96-well plate
<b>Samples</b>	Serum and plasma
<b>Sample volume</b>	50µL
<b>Reactivity</b>	Any species
<b>Standard range</b>	0/5 – 120 ng/mL
<b>Sensitivity</b>	3.224 ng/mL
<b>Specificity</b>	No significant cross-reactivity was observed with 25-OH Vitamin D2/D3 analogs
<b>Assay time</b>	105 min

## PROTOCOLS

<b>Product storage</b>	Store at 2-8°C for up to 6 months
<b>Sample collection &amp; storage</b>	<u>Serum or plasma (EDTA, lithium heparin or citrate plasma):</u> Store samples at 2-8°C for up to 48h or -20°C for longer period (up to 6 months). Do not use hemolytic, icteric, or lipemic samples, and samples containing sodium azide.
<b>Sample preparation</b>	Release agent incubation (60min) Enzymatic conjugation (30 min)
<b>ELISA</b>	Incubation, revelation and read steps (15min)
<b>Detailed protocol</b>	IVD: <a href="#">Download instructions for use</a> RUO: <a href="#">Download instructions for use</a>

## Product pictures



### 25-OH VITAMIN D ELISA-MS-E-5800

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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/25-oh-vitamin-d-elisa-kit-i-fast-i-serum-and-plasma/>