EUROIMMUN 25-OH Vitamin D ELISA
Reliable and Efficient

- Optimised and reliable detection of 25-OH vitamin D₃ and D₂ using an innovative monoclonal antibody
- Fast and simple test performance in less than 3 hours
  - Sample release and incubation in one step
  - Ready-to-use reagents
  - Simplified incubation conditions (no shaking required)
- Fully automatable on all open ELISA processors
- Precise results and high reproducibility ensure effective monitoring
- Excellent correlation with reference methods and reference materials
Excellent correlation with other 25-OH vitamin D assays

The performance of the 25-OH Vitamin D ELISA was compared with different commercially available assays and showed the following correlations:

- ID-LC-MS/MS, $r^2 = 0.93$, $n = 128$
- HPLC, $r^2 = 0.91$, $n = 80$
- DiaSorin CLIA, $r^2 = 0.92$, $n = 52$
- Roche CLIA, $r^2 = 0.94$, $n = 52$
- IDS EIA, $r^2 = 0.93$, $n = 231$

EUROIMMUN ELISA results demonstrate a high agreement to other established methods for 25-OH vitamin D analysis.

Continuous quality control through DEQAS

The results of the EUROIMMUN 25-OH Vitamin D ELISA correlate excellently with target values in the Vitamin D External Quality Assessment Scheme (DEQAS), which were assigned by the National Institute of Standards and Technology (NIST) Reference Measurement Procedure (RMP).

The linear regression analysis of the EUROIMMUN ELISA with target values demonstrate a correlation of $R = 0.97$ ($r^2 = 0.94$).

The evaluation includes 70 DEQAS samples from January 2014 to April 2017 even those which were used experimentally (e.g. samples spiked with other vitamin D forms).

Fully automatable

The 25-OH Vitamin D ELISA can be processed on the EUROIMMUN EUROLabWorkstation ELISA, the new innovative automation solution for high throughput ELISA diagnostics – processing up to 15 microplates and ~800 samples in a single worklist.

Validation documents for the test processing with EUROIMMUN Analyzer I, Analyzer I-2P, and the DSX from Dynex are also available on enquiry. Automated test performance using other fully automated open system analysis devices is possible.

Ordering information

<table>
<thead>
<tr>
<th>Order number</th>
<th>Test system</th>
<th>Information</th>
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<tbody>
<tr>
<td>EQ.6411-9601</td>
<td>25-OH-Vitamin D ELISA</td>
<td>100% analytical specificity for 25-OH vitamin D$_3$ and D$_2$</td>
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