EUROIMMUN 25-OH Vitamin D ELISA: Reliable and Efficient

- Reliable detection of 25-OH vitamin D₃ and 25-OH vitamin D₂ (100% reliability due to 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
- Optimised procedure, only 6 calibrators
- Accurate results and high reproducibility
  - Regular quality control through DEQAS (Vitamin D External Quality Assessment Scheme)
The EUROIMMUN 25-OH Vitamin D ELISA correlates very well with other test systems for vitamin D detection

**Comparison of the EUROIMMUN 25-OH Vitamin D ELISA with the reference methods HPLC and LC-MS/MS**

The 25-OH vitamin D levels were determined in 180 sera from routine diagnostics using the EUROIMMUN 25-OH-Vitamin-D-ELISA and two reference methods (HPLC, n = 80; LC-MS/MS, n = 100). The correlation between the results was very high (HPLC, \( r^2 = 0.91 \); LC-MS/MS, \( r^2 = 0.93 \)).

**Comparison of the EUROIMMUN 25-OH Vitamin D ELISA with commercial test systems**

The 25-OH Vitamin D levels were determined in a mixed panel of 243 sera (sera from quality assessment institutes, routine diagnostics and sera treated with 25-OH vitamin D) using the EUROIMMUN 25-OH Vitamin D ELISA, the IDS 25-OH Vitamin D Direct EIA \((n = 231)\) and the DiaSorin 25-OH Vitamin D RIA \((n = 32)\). The correlation between the results of the EUROIMMUN ELISA and the other test systems was very high (IDS 25-OH Vitamin D Direct EIA: \( r^2 = 0.93 \); DiaSorin 25-OH Vitamin D RIA: \( r^2 = 0.93 \)).