

VITAMIN D

ELISA & CLIA ASSAYS

With the growing knowledge of Vit D's critical role in health and disease, test demand increases globally. Having accurate quantitative-results gives physicians the confidence to monitor patients and manage deficiency conditions.

Monobind offers a direct method (Vit D Analog HRP Enzyme) to measure Total Vitamin D (25-OH) providing:

Quality, Convenience & Speed

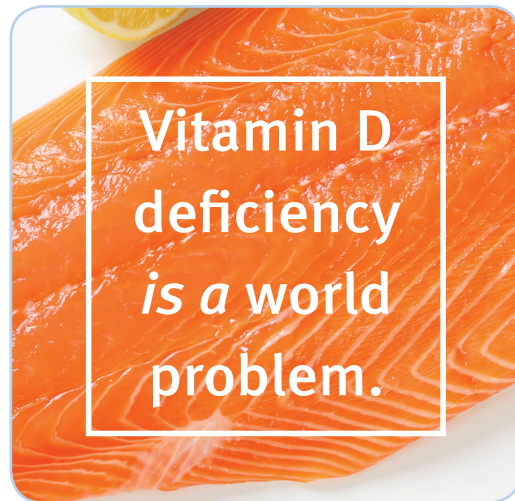
- Ready to use reagents, entire assay done in the plate
- Automation friendly, test files for Monobind Autoplex and TITIN systems
- Room temperature incubation
- Super-fast assay times: 80 minutes ELISA and 60 minutes CLIA

High Specificity

- Equal affinity for 25-OH Vitamin D3 and 25-OH Vitamin D2

Great correlation to other methods and tests

- | | |
|-------------------------------------|-------|
| • ELISA Correlation to Diasorin | 0.918 |
| • ELISA Correlation to Tosoh AIA900 | 0.976 |
| • ELISA Correlation to Euroimmun | 0.937 |



"Serum concentration of 25-OH D is the best indicator of vitamin D status. It reflects vitamin D produced cutaneously (D3) and that obtained from food and supplements (D2) and has a fairly long circulating half-life of 15 days."

(National Institute of Health, Vit D Fact Sheet for Professionals, 2016).

VITAMIN D ELISA & CLIA ASSAYS

Try Monobind Kits Today



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Values Established by Institute of Medicine

Table 1: Serum 25-Hydroxyvitamin D [25(OH)D] Concentrations and Health*

nmol/L**	ng/mL*	Health status
<30	<12	Associated with vitamin D deficiency, leading to rickets in infants and children and osteomalacia in adults
30 to <50	12 to <20	Generally considered inadequate for bone and overall health in healthy individuals
≥50	≥20	Generally considered adequate for bone and overall health in healthy individuals
>125	>50	Emerging evidence links potential adverse effects to such high levels, particularly >150 nmol/L (>60 ng/mL)

* Serum concentrations of 25(OH)D are reported in both nanomoles per liter (nmol/L) and nanograms per milliliter (ng/mL).

** 1 nmol/L = 0.4 ng/mL

(National Institute of Health, Vit D Fact Sheet for Professionals, 2016)

Learn more about Monobind new product at:
<http://www.monobind.com/Products/immunoassays-bone-metabolism-vitamin-d>