

FREE 250H VITAMIN D ELISA

SIMPLE-ACCURATE-AND-DIRECT MEASUREMENT ASSAY

→ WHY YOU SHOULD USE THE DIASOURCE FREE VITAMIN D KIT

- According to the free hormone hypothesis the biological activity of the hormone
 is directly linked to the concentration of its free form
 - 25OH Vitamin D is for >99.9% bound to binding proteins: 90% to DBP, 10% to Albumin
 - About 0.04% circulates as the free form = "free 250H Vitamin D"
 - All current 250H Vitamin D assays measure the sum of the bound and free forms
- 2 Free 250H Vitamin D seems to be a better marker of Vitamin D status than total 250H Vitamin D for:
 - Conditions affecting the binding proteins concentrations
 - Obesity/Insulin
- Liver disease

Pregnancy

Renal disease

Cancer

- Osteoporosis/Bone mineral density
- Respiratory disease
- Intensive care
- Ethnic groups having polymorphic forms of DBP with different affinities for 25OH Vitamin D
 - Black

Hispanic

- Asian
- Sollowing methods for measuring free 250H Vitamin D exist:
 - Centrifugal ultrafiltration accurate but long and tedious
 - Calculations requires 3 assays and can be inaccurate
 - Direct measurement by ELISA simple and accurate
- ② DIAsource offers the only direct measurement assay in the market as an RUO, but
 - CE REGISTRATION EXPECTED IN 01-2017
 - FDA REGISTRATION EXPECTED IN Q4-2017



OUR OFFERING

If you need support for internal validation and/or for a study design of our free Vitamin D ELISA test in your laboratory please contact Diasource:

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(+) ORDERING INFORMATION

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CAT#	Product Description	Format
KARF1991	Free 250H Vitamin D ELISA	Kit 96 assays

× REFERENCES:

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More references in our Technical Review 2014-02.

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