

BONE METABOLISM ELISA ASSAYS



| Free 25OH Vitamin D ELISA - RUO (KARF1991) | |
|--|---------------------------------|
| Art. Code | KARF1991 |
| Format | ELISA |
| Label | HRP |
| Size | 96 tests |
| Sample Type | Serum |
| Sample Volume | 10 µL |
| Controls | 2 levels |
| Range | 0-40 pg/mL |
| Sensitivity | 1,9 ng/mL |
| Incubation | 90' + 30' + 20' + 15' (at 37°C) |
| Shelf Life | 9 months |

According to the Free Hormone Hypothesis, the biological activity of 25OH Vitamin D is better reflected by its free concentration than by the total concentration in the plasma.

Particularly in situations with an elevated or decreased level of the Vitamin D binding protein, or with different phenotypes of this protein, Free 25OH Vitamin D may provide better diagnostic information than total 25OH Vitamin D.

Directly measured free 25OH Vitamin D concentrations were related to iPTH and calcium, but calculated estimates were not. J Schwartz et al_Comparison of Direct and Calculated Free 25(OH) D_JCEM June 2014_Published online.

RUO = Research Use Only

| Intact PTH ELISA (KAP1481) | |
|----------------------------|----------------------------|
| Art. Code | KAP1481 |
| Format | ELISA |
| Label | HRP |
| Size | 96 tests |
| Sample Type | Serum, plasma |
| Sample Volume | 200 µL |
| Controls | 2 levels |
| Range | 15-1040 pg/mL |
| Sensitivity | 2 pg/mL |
| Incubation | 3 hours at RT with shaking |
| Shelf Life | 60 weeks |

| Osteocalcin ELISA (KAP1381) | |
|-----------------------------|------------------------------|
| Art. Code | KAP1381 |
| Format | ELISA |
| Label | HRP |
| Size | 96 tests |
| Sample Type | Serum, plasma |
| Sample Volume | 25 µL |
| Controls | 2 levels |
| Range | 2-50 ng/mL |
| Sensitivity | 0,4 ng/mL |
| Incubation | 2.5 hours at RT with shaking |
| Shelf Life | 60 weeks |

The DIAsource Intact PTH assay is a true INTACT PTH assay, which is CE-labelled and calibrated against the International Reference Material NIBSC Reference 95/646.

The DIAsource Osteocalcin assay is a true INTACT OSTEOCALCIN assay, which makes use of native human osteocalcin standards. The assay has a proven absence of cross reaction with osteocalcin fragments.

| Ordering information | Description | Article code | Format | Size |
|----------------------|--|--------------|-------------|------------------------|
| | 25OH Vitamin D Total ELISA | KAP1971 | ELISA | 96 tests |
| | 1,25(OH) ₂ Vitamin D ELISA | KAP1921 | ELISA | 96 tests |
| | 1,25(OH) ₂ Vitamin D Extraction Cartridges | 1102496 | For KAP1971 | 1 bag of 42 cartridges |
| | 1,25 (OH) ₂ Vitamin D Extraction kit (Solvents), ready to use | 3019700 | For KAP1971 | 2 x 42 extractions |
| | Free 25OH Vitamin D ELISA - RUO | KARF1991 | ELISA | 96 tests |
| | Intact PTH ELISA | KAP1481 | ELISA | 96 tests |
| | Osteocalcin ELISA | KAP1381 | ELISA | 96 tests |
| | Aggrecan (PG – Proteoglycan) ELISA | KAP1461 | ELISA | 96 tests |

For more information: visit www.diasource-diagnostics.com

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Assessment of Bone & Mineral clinical status
with novel ELISA based assays.

25OH Vitamin D Total
1,25(OH)₂ Vitamin D
Free 25OH Vitamin D
Osteocalcin
Intact PTH

