



CHORUS ANEMIA PANEL
For the quantification of VITAMIN B12 and FOLATE



DIESSE

CHORUS Anemia Panel

Vitamin B12 and **Folate** are two of the 13 vitamins essential to human health. These tests are primarily ordered to detect deficiencies and to help diagnose the cause of some anemias.

The ANEMIA PANEL on CHORUS system consists of two assays for the **quantification** of Vitamin B12 and Folate in serum, plus the common kit for vitamins **extraction**.

- **Vitamin B12**, also called cobalamin, is a water-soluble vitamin. The main sources of absorption are foods of animal origin, or it is received through supplements. Vitamin B12 intervenes in the formation of red blood cells and helps in the maintenance of a healthy nervous system. B12 deficiency can result in anemia and varying degrees of neuropathy or nerve damage. DIESSE kit measures total Vit B12 in serum.
- **Folate** and folic acid, are two forms of vitamin B9, a water-soluble vitamin. Folate occurs naturally in food such as leafy green vegetables and in some food of animal origin, whereas folic acid is a synthetic vitamin. Folates are involved in DNA, RNA and protein synthesis; their deficiency can cause anemia and problems in embryonic development.
- **CHORUS VITAMIN EXTRACTION**: kit for the extraction of samples to be tested with the CHORUS VIT B12 and CHORUS FOLATE. The **extraction process** allows these vitamins to free themselves from the carrier proteins, to which they are normally bound for their absorption and functionality, so that they can be correctly detected.

CHORUS advantages



Single test
ready to
use device



Random
access
system



Safe and
easy to use



No hidden costs
No waste of
reagents

Main assays features

- **Calibrator and control included** in the kit
- **Calibration** required for **each new lot**
- **Sample type:** serum
- **VIT B12 Assay Range:** 150 - 2000 pg/ml
- **FOLATE Assay Range:** 2 - 20 ng/ml



NAME	TEST	CODE
CHORUS VIT B12*	36	86400
CHORUS FOLATE*	36	86402
CHORUS VITAMIN EXTRACTION	72	86500

*Both CHORUS VIT B12 and FOLATE kits require a manual **pre-assay procedure** for the **extraction** of vitamins from samples. The extraction must be performed with **CHORUS VITAMIN EXTRACTION** kit, which is sold separately.

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