

FOLATE & Vitamin B12 Accubind™

Folate and folic acid are forms of water-soluble Vitamin B. Folate occurs naturally in food such as dark green vegetables, while Folic Acid is a synthetic vitamin. Folate (and Vit B12) are primarily ordered to detect deficiencies and to help diagnose the cause of certain anemias. One type of associated anemia is pernicious anemia, an autoimmune disease that affects the absorption of B12.

Vitamin B12 (cobalamin) is one of the 13 vitamins essential to human health and life. It is crucial for the construction of DNA, production of red blood cells and aids in the maintenance of a healthy nervous system. B12 deficiency damages the brain, spinal cord, peripheral nerves, and nerves of the eye. A B12 deficiency can result in symptoms ranging from severe anemia requiring blood transfusions, fatigue, muscle soreness, memory loss, and behavioral changes to serious and permanent nerve damage. B12 is found naturally in animal foods or is received through supplements, and must follow a complex pathway of several steps for proper absorption. Monobind's assay measures total B12 in serum.

FEATURES

- **Method:** Enzyme Immunoassay - Colormetric
- **Principle:** Competitive Assay, Streptavidin-Coated Plate
- 🕒 **Total Time:** 65 min.
- **Calibrators:** Folate: 0, 1.0, 2.5, 5, 10, 25 ng/ml
Vit B12: 0, 125, 250, 500, 1000, 2500 pg/ml (In the same human serum)
- **Sample:** Folate, Vit B12: 50 µl
- **Sensitivity:** Folate: 0.52 ng/ml - Vit B12: 70.13 pg/ml
- **Reading:** 450 nm
- **Shelf Life:** 18 Months



FOLATI & Vitamina B12 Accubind™

La vitamina B12 e i folati fanno parte del complesso di vitamine B. Il test ELISA Accubind™ misura le concentrazioni di folati e vitamina B12 su campioni di siero per determinarne le eventuali carenze.

SPECIFICHE

- **Metodo:** Enzyme Immunoassay - Colormetrico
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- 🕒 **Tempo del saggio:** 65 min.
- **Calibratori:** Folati: 0, 1.0, 2.5, 5, 10, 25 ng/ml
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- **Sensibilità:** Folati: 0.52 ng/ml - Vit B12: 70.13 pg/ml
- **Lettura:** 450 nm
- **Emivita:** 18 Months



Ordering Information:

FOLATE

Product Code: 7525-300A

Packaging: 96 test

VITAMIN B12

Product Code: 7625-300A

Packaging: 96 test



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