



R-BIOPHARM  
RHÔNE LTD

# Vitamin immunoaffinity columns

Ensuring quality vitamin analysis



## Precise

- Products meet collaborative method performance criteria giving you confidence in your results first time round



## Innovative

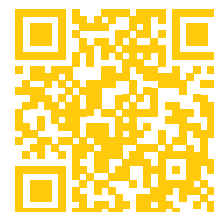
- Leading the way in vitamin analysis
- Delivering new methods and products



## Official Methods

- Products referenced in AOAC Final Action methods 2014.02 and 2016.02

More information:



<https://r-b.io/vitamins>

# Vitamin immunoaffinity columns

Ensuring quality vitamin analysis

## Overview

Accurate measurement of vitamin levels in infant formula, nutritional supplements and other foods is critical to comply with labelling requirements. With tight controls on labelling, the industry is understandably committed to adopting a unified approach to measurement and more so than other areas, there is a focus on the use of recognised Official Methods. The commercial availability of immunoaffinity columns for clean-up of vitamins, which has been led by R-Biopharm, represents a significant development in this area.

In 2014, AOAC Final Action Official Method 2014.02 was introduced which employed EASI-EXTRACT® VITAMIN B12 (LGE) immunoaffinity columns. In recognising this move towards instrumental methods for vitamin analysis, R-Biopharm subsequently developed EASI-EXTRACT® FOLIC ACID and EASI-EXTRACT® BIOTIN immunoaffinity columns. In 2016, AOAC International also adopted the 'Biotin in infant formula and adult/pediatric nutritional formulas' as AOAC Final Action Official Method 2016.02 which employs EASI-EXTRACT® BIOTIN immunoaffinity columns.

R-Biopharm has also produced an innovative multi-analyte immunoaffinity column; EASI-EXTRACT® MULTI-VIT B (LGE), which can be used for the analysis of vitamin B12, folic acid and biotin enabling a single extraction and clean-up in one simple step for all three vitamins.

For further assistance in selecting the right product for your requirements please contact us!



Final Action Method 2014.02 for vitamin B12 analysis. The distinctive format column allows the sample to mix directly with the antibody gel resulting in recoveries and repeatability that met with inter-laboratory performance criteria.



Immunoaffinity columns offer a flexible approach, replacing more traditional methods.



Removal of interfering matrix components enabling clean extracts for analysis, giving confidence in results first time around.



Multi-analyte columns are more convenient and offer further time-saving benefits.

Unique column format: AOAC Method 2014.02



## Ordering information

Product	No. of tests / amount	Art. no.
EASI-EXTRACT® VITAMIN B12	10 / 50 columns	P80 / P80B
EASI-EXTRACT® VITAMIN B12 (LGE)	10 / 50 columns	P88 / P88B
EASI-EXTRACT® FOLIC ACID	10 / 50 columns	P81 / P81B
EASI-EXTRACT® BIOTIN	10 / 50 columns	P82 / P82B
EASI-EXTRACT® MULTI-VIT B (LGE)	10 / 50 columns	P183 / P183B