

VITAKIT A™ AND VITAKIT D™

The Only 2 Hour Immunoassay for Quantitative Analysis of Vitamins A and D₃ in Dairy Products

Traditional HPLC		VitaKits™
DAY 1	Begin saponification by adding KOH	8:00 am Saponification using KOH, extraction with hexane 8:45 am Load vitamin onto 96-well plate, complete remaining assay steps 9:45 am Read plate using ELISA reader 10:00 am Coffee Break!
DAY 2	Extract vitamins, purify and concentrate	
DAY 3	Load extract onto HPLC and measure	
Environmentally friendly, uses 99% less organic solvents than required for HPLC		

Cost Effective

Catalogue Selling Price
US \$1,125/kit

Tests cost as low as
\$27/sample

Accuracy and Reproducibility

VitaKits A™ & D™ recoveries range from 85% - 110% (RSD≤10%) which is well within the FDA acceptable range (63% -158%)

Sensitivity

Limit of Detection as low as 0.3 IU/ml for both VitaKit A™ and VitaKit D™

Precision

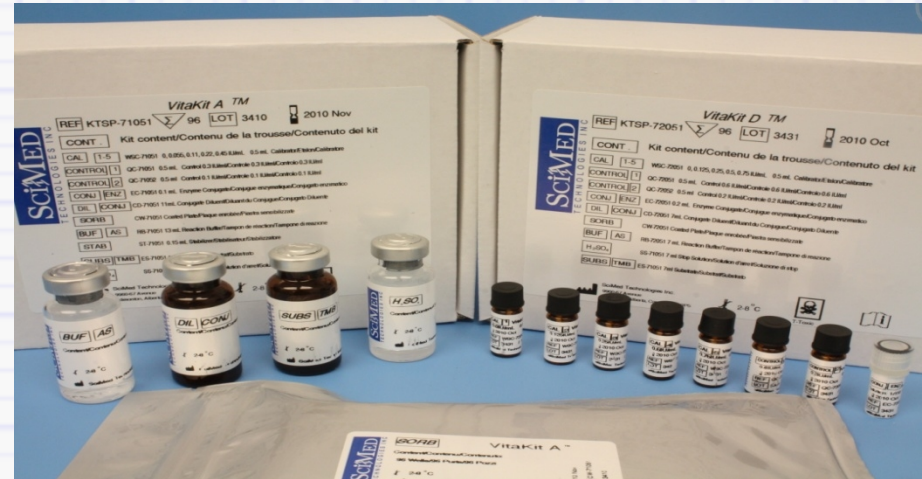
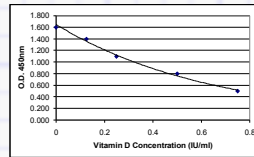
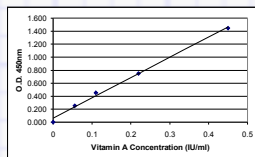
Consistent results with % RSD ranging from 3%-11%

Specificity and Cross Reactivity

No cross reactivity with other structural analogues

Linearity

R²=0.99



For Customer Service Call (780) 702-1509 ext: 224

To Order Online www.scimedtechnologies.com