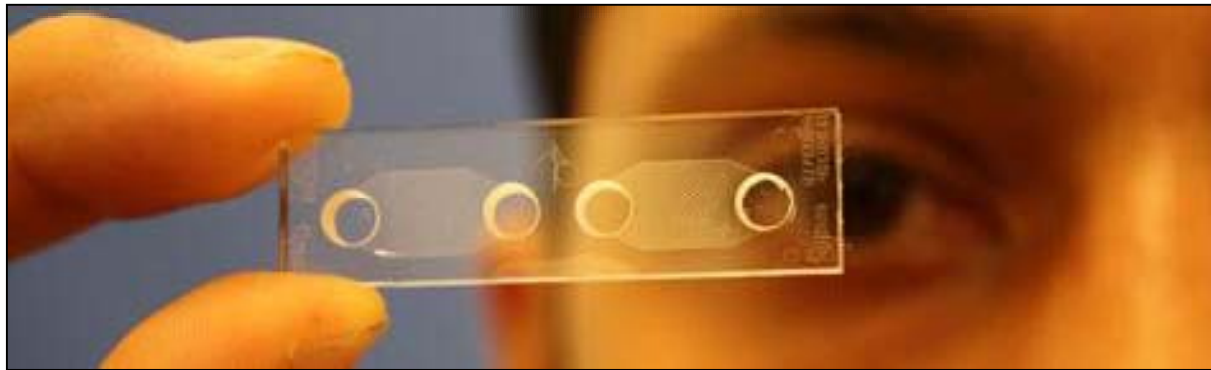


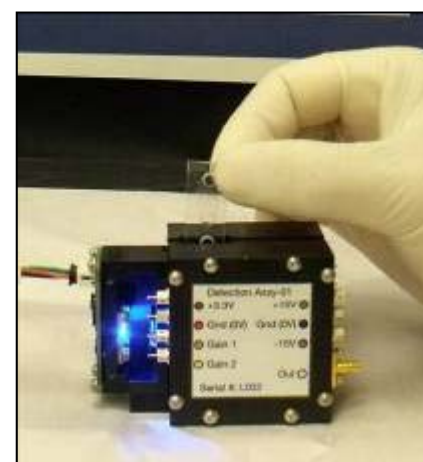
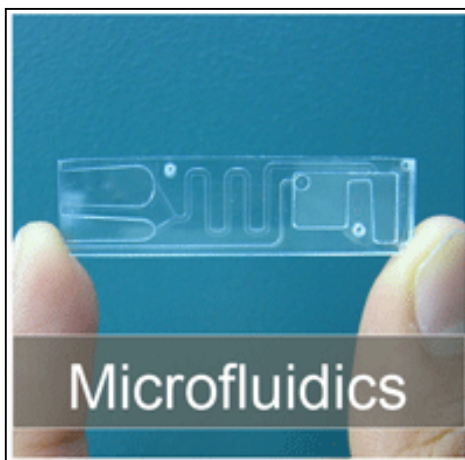
# NanoSpeed Diagnostics Inc.

NANOSPEED  
DIAGNOSTICS INC.



## Rapid Point of Care Diagnostics

Dr. Rajan Gupta  
NanoSpeed Diagnostics Inc.  
Edmonton, AB, Canada



# Executive Summary

- Vitamins D deficiency is a serious world-wide medical concern
- Vitamin D deficiency linked to infantile rickets, osteoporosis and may increase the risk of several types of cancers
- Current testing methods requires specialized labs and takes several days for results
- NanoSpeed has developed a complete product portfolio for Vitamin D testing for rapid results
- Manufacturing established in USA, assembled in Canada
- Developed world's only monoclonal antibodies for Vitamin A and D
- Patents issued – US, Australia & New Zealand
- Proven track record – concept to commercialization
- VitaKit A<sup>®</sup> - AOAC certified, VitaKit D<sup>®</sup>

# Nanospeed Product portfolio

1

**Qualitative testing**  
Lateral Flow Test Strip

2

**Quantitative testing for  
batch processing**  
ELISA based VitaKits

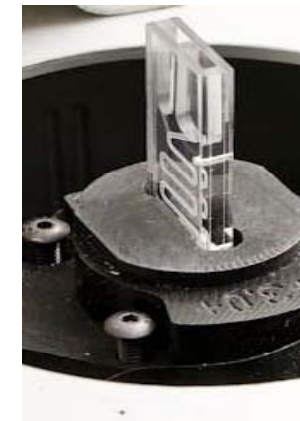
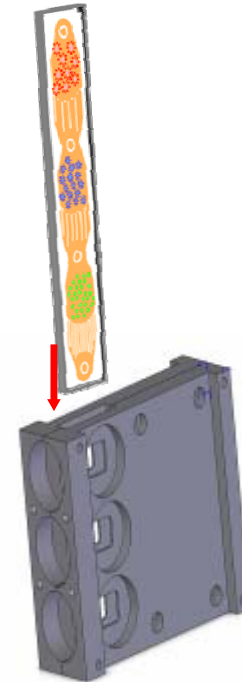
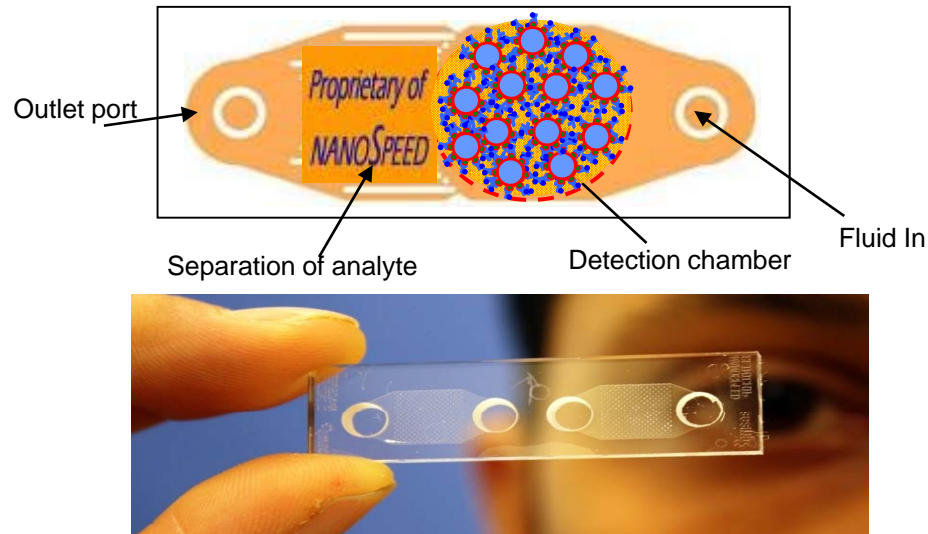
3

**Quantitative testing Point of  
Care**  
Lab-on-a-Chip

# Lab-on-a Chip Quantitative Test

NANOSPEED  
DIAGNOSTICS INC.

## Microfluidic Chip



Optical reader

## Key features

- Quantitative ELISA test for Point-of-Care(Poc)
- Test results in < 5mins
- Cost of < \$10/sample