







INNOMET[™] READER

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INNOMET[™] READER

Optimizing current methods for high-throughput precision testing

The chip concentration meter is a product developed by VELSSON, based on microfluidic chip technology and using ultraviolet spectrophotometry. It is capable of efficiently and sensitively detecting concentrations of DNA, RNA and proteins (antibodies) in quantitative analysis.



Product Features



High Throughput

24 samples

Low Sample Input

5-15 µL per well

Rapid Detection

Complete testing and reporting output in 3-10 minutes

Precision Results

High linearity with standard concentrations

High Integration

Compact layout, efficient space utilization

Intelligent Guidance

Graphical operation instructions, no additional training needed

Easy Operation

No complex preparation, test upon sample loading and on-demand testing

All-in-one Operation

Supports batch sample loading, full automation of the sampling process, supports upstream and downstream automatic expansion

Applications





Biological Large Molecule

Drug Development

High-throughput Activity

Testing Drug Development



Testing



Synthetic Biology Research



Preliminary Validation of Small Molecule Drug Expression



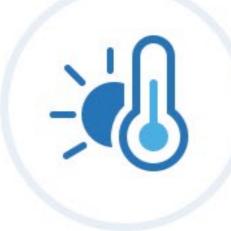
Proteomics Research



Tissue Engineering and Regenerative Medicine



Food Safety and Quality Control



Environmental Monitoring



Drug Metabolism Research

Microfluidic Chip Consumables

High Throuput: 24 samples

Fast Detection: Complete testing and reporting output in 3–10 minutes

Centrifugal Chip: Precise flow control and stable sample loading

Low Sample Volume: 5-15 µL per well, reducing sample consumption,

saves reagents, accelerates reaction speed

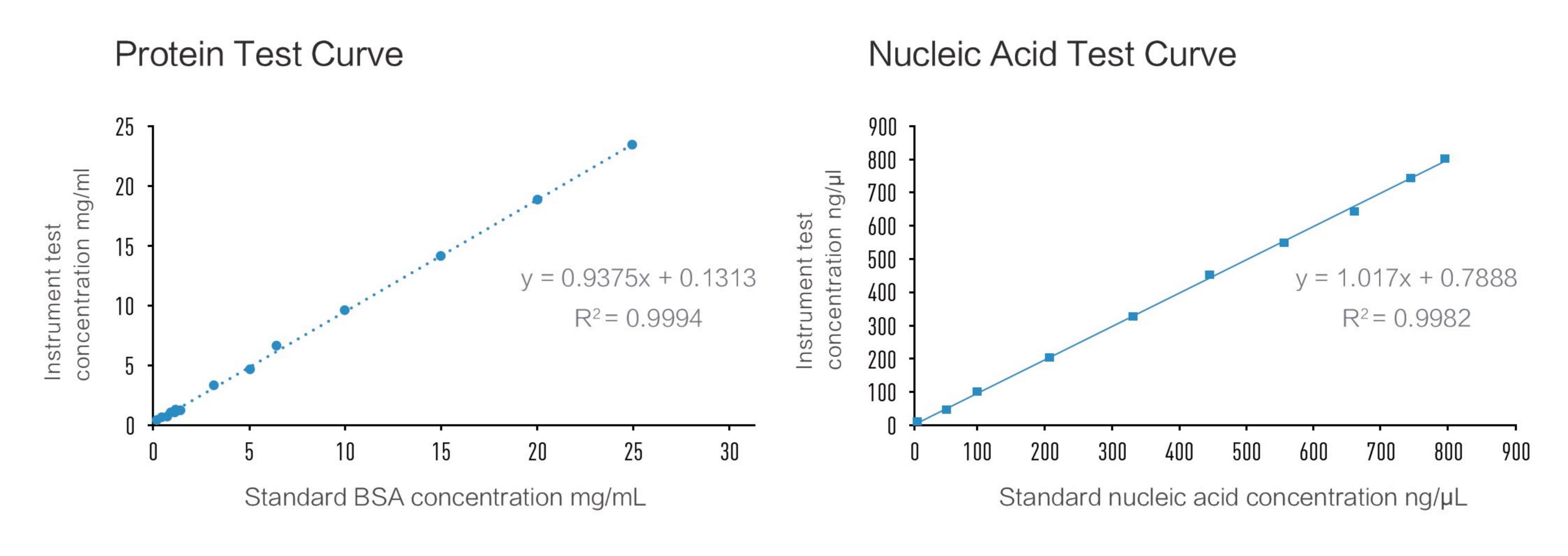
Quantitative Detection Port: Eliminates result errors caused by pipetting mistakes

QR Code: Rapid identification and complete batch traceability

Low-Cost Single-Use Consumables: Can be used multiple times, lowering costs

Test Data





[■] In the concentration range, the protein/nucleic acid concentrations detected by INNOMET™ READER and the concentrations of standard samples were linearly compared. The R2 values were 0.999 and 0.998, respectively, indicating high linear fitting precision.

Specifications

