



# Infinosis™ FIA system

Better the accuracy and reliability of POC testing results

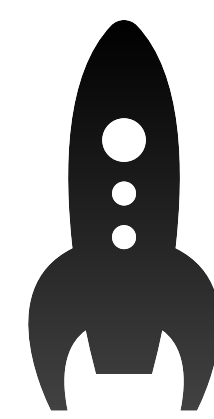


**DIASINO**

**infinosis™**  
Fluorescence Immunoassay (FIA)



## Features of Infinosis™ Analyzer



### Fast

Probably the fastest FIA analyzer on the market. It takes only 2~3 seconds to read out the results



### Reliable

Well controlled coefficient variation ensures reliable results  
 $CV \leq 3\%$



### Easy

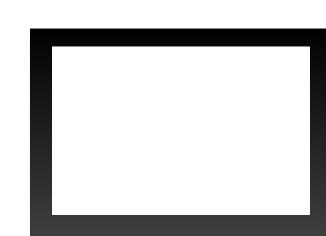
User-friendly interface  
Easy to use  
Just finger click



### Connective

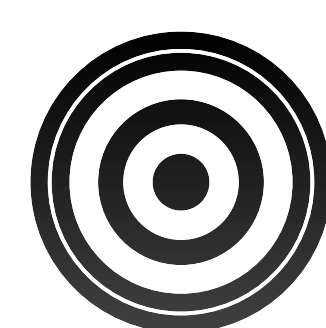
Compatible with LIS/HIS  
Remote QC and recalibration via Cloud server

## Features of Infinosis™ Assays



### Convenient

All assays stored at 2-30°C  
All parameters incubated at room temperature Except VB12 and HbA1c



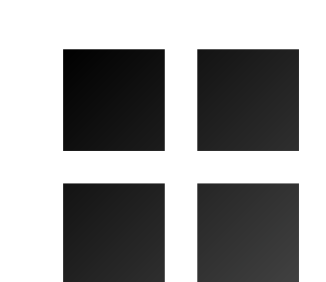
### Specialty

DIASINO® specialized in development and production of hormone items for 20 years



### Reliable

Well controlled CV  
Infinosis™ shows excellent clinical correlation to CLIA method



### Extensive

40+ assay covering extensive clinical areas including thyroid, fertility, cardiac and beyond



# Specifications of Infinosis™ Assays

|  Assay |  Specimen type |  Specimen volume |  Measuring range |  Testing time |  Storage |  Incubation |  Certification |
|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Thyroid                                                                                 |                                                                                                 |                                                                                                   |                                                                                                    |                                                                                                  |                                                                                             |                                                                                                |                                                                                                   |
| TSH                                                                                     | S/P                                                                                             | 50 µL                                                                                             | 0.05-100 µIU/mL                                                                                    | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE NMPA FSC                                                                                       |
| Total T3                                                                                | S/P                                                                                             | 90 µL                                                                                             | 0.61-12.29 nmol/L<br>0.40-8.0 ng/mL                                                                | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE NMPA FSC                                                                                       |
| Total T4                                                                                | S/P                                                                                             | 50 µL                                                                                             | 12.87-321.80 nmol/L<br>1.0-25 µg/dL                                                                | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE NMPA FSC                                                                                       |
| Free T3                                                                                 | S/P                                                                                             | 70 µL                                                                                             | 0.5-50 pmol/L                                                                                      | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE NMPA FSC                                                                                       |
| Free T4                                                                                 | S/P                                                                                             | 50 µL                                                                                             | 11.5-23.8 pmol/L<br>0.89-1.85 ng/dL                                                                | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE NMPA FSC                                                                                       |
| Fertility                                                                               |                                                                                                 |                                                                                                   |                                                                                                    |                                                                                                  |                                                                                             |                                                                                                |                                                                                                   |
| LH                                                                                      | S/P                                                                                             | 50 µL                                                                                             | 1.0-150 mIU/mL                                                                                     | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE NMPA FSC                                                                                       |
| FSH                                                                                     | S/P                                                                                             | 50 µL                                                                                             | 1.0-150 mIU/mL                                                                                     | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE NMPA FSC                                                                                       |
| Prolactin                                                                               | S/P                                                                                             | 50 µL                                                                                             | 2.0-150 ng/mL                                                                                      | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE NMPA FSC                                                                                       |
| Progesterone                                                                            | S/P                                                                                             | 100 µL                                                                                            | 1.59-190.8 nmol/L<br>0.5-60 ng/mL                                                                  | 10 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE                                                                                                |
| Testosterone                                                                            | S/P                                                                                             | 50 µL                                                                                             | 0.52-52.05 nmol/L<br>0.15-15 ng/mL                                                                 | 10 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE                                                                                                |
| E2                                                                                      |                                                                                                 |                                                                                                   |                                                                                                    |                                                                                                  |                                                                                             |                                                                                                | CE                                                                                                |
| βhCG                                                                                    | S/P                                                                                             | 20 µL                                                                                             | 0.1-10000 mIU/mL                                                                                   | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE NMPA FSC                                                                                       |
| AMH                                                                                     | S/P                                                                                             | 50 µL                                                                                             | 0.02-25 ng/mL                                                                                      | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE FSC                                                                                            |
| Cardiac                                                                                 |                                                                                                 |                                                                                                   |                                                                                                    |                                                                                                  |                                                                                             |                                                                                                |                                                                                                   |
| Troponin I                                                                              | WB/S/P                                                                                          | 100 µL                                                                                            | 0.1-40 ng/mL                                                                                       | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE NMPA FSC                                                                                       |
| Myoglobin                                                                               | WB/S/P                                                                                          | 20 µL                                                                                             | 5.0-400 ng/mL                                                                                      | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE NMPA FSC                                                                                       |
| CK-MB                                                                                   | WB/S/P                                                                                          | 20 µL                                                                                             | 1.0-100 ng/mL                                                                                      | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE NMPA FSC                                                                                       |
| CK-MB/cTnI/Myo                                                                          |                                                                                                 |                                                                                                   |                                                                                                    |                                                                                                  |                                                                                             |                                                                                                | CE NMPA FSC                                                                                       |
| NT-proBNP                                                                               | WB/S/P                                                                                          | 100 µL                                                                                            | 50-20000 pg/mL                                                                                     | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE NMPA FSC                                                                                       |
| D-Dimer                                                                                 | WB/S/P                                                                                          | 50 µL                                                                                             | 0.1-10 mg/L                                                                                        | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE NMPA FSC                                                                                       |
| Inflammation                                                                            |                                                                                                 |                                                                                                   |                                                                                                    |                                                                                                  |                                                                                             |                                                                                                |                                                                                                   |
| PCT                                                                                     | WB/S/P                                                                                          | 50 µL                                                                                             | 0.05-100 ng/mL                                                                                     | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE NMPA FSC                                                                                       |
| hsCRP/CRP                                                                               | WB/S/P                                                                                          | 15 µL                                                                                             | 0.5-200 mg/L                                                                                       | 3 min                                                                                            | 2-30°C                                                                                      | 2-30°C                                                                                         | CE NMPA FSC                                                                                       |
| IL-6                                                                                    | WB/S/P                                                                                          | 50 µL                                                                                             | 2.5-4000 pg/mL                                                                                     | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE NMPA FSC                                                                                       |
| SAA                                                                                     | WB/S/P                                                                                          | 20 µL                                                                                             | 1.0-200 mg/L                                                                                       | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE NMPA FSC                                                                                       |
| Anemia                                                                                  |                                                                                                 |                                                                                                   |                                                                                                    |                                                                                                  |                                                                                             |                                                                                                |                                                                                                   |
| Ferritin                                                                                | WB/S/P                                                                                          | 20 µL                                                                                             | 2.0-1000 ng/mL                                                                                     | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE NMPA FSC                                                                                       |
| Vitamin B12                                                                             | S/P                                                                                             | 40 µL                                                                                             | 100-2000 pg/mL                                                                                     | 23 min                                                                                           | 2-30°C                                                                                      | RT and 37°C                                                                                    |                                                                                                   |
| Bone                                                                                    |                                                                                                 |                                                                                                   |                                                                                                    |                                                                                                  |                                                                                             |                                                                                                |                                                                                                   |
| 25-OH Vitamin D                                                                         | S/P                                                                                             | 20 µL                                                                                             | 2.0-150 ng/mL                                                                                      | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE NMPA FSC                                                                                       |
| Diabetes                                                                                |                                                                                                 |                                                                                                   |                                                                                                    |                                                                                                  |                                                                                             |                                                                                                |                                                                                                   |
| HbA1c                                                                                   | WB                                                                                              | 5 µL                                                                                              | 2%-15%                                                                                             | 10 min                                                                                           | 2-30°C                                                                                      | 25°C                                                                                           | CE NMPA FSC                                                                                       |
| Allergy                                                                                 |                                                                                                 |                                                                                                   |                                                                                                    |                                                                                                  |                                                                                             |                                                                                                |                                                                                                   |
| Total IgE                                                                               | WB/S/P                                                                                          | 50 µL                                                                                             | 7.0-1000 IU/mL                                                                                     | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE                                                                                                |
| Tumor                                                                                   |                                                                                                 |                                                                                                   |                                                                                                    |                                                                                                  |                                                                                             |                                                                                                |                                                                                                   |
| Total PSA                                                                               | S/P                                                                                             | 50 µL                                                                                             | 0.05-100 ng/mL                                                                                     | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      |                                                                                                   |
| Free PSA                                                                                | S/P                                                                                             | 50 µL                                                                                             | 0.02-20 ng.mL                                                                                      | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      |                                                                                                   |
| AFP                                                                                     | S/P                                                                                             | 50 µL                                                                                             | 1.0-400 ng/mL                                                                                      | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      |                                                                                                   |
| CEA                                                                                     | S/P                                                                                             | 50 µL                                                                                             | 0.5-200 ng/mL                                                                                      | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      |                                                                                                   |
| Kidney                                                                                  |                                                                                                 |                                                                                                   |                                                                                                    |                                                                                                  |                                                                                             |                                                                                                |                                                                                                   |
| mALB                                                                                    | Urine                                                                                           | 20 µL                                                                                             | 5.0-300 mg/L                                                                                       | 15 min                                                                                           | 2-30°C                                                                                      | Room temp                                                                                      | CE NMPA FSC                                                                                       |

• Room temperature = 18-25°C  
• S = Serum, P = Plasma, WB = Whole Blood, NMPA = National Medical Products Administration Certificate (China FDA), FSC = Free Sales Certificate, EU FSC available for CE-marked parameters  
• E2 under improvement  
• CK-MB/cTnI/Myo provided on request  
• NMPA certificates of PROG, TESTO, E2 and VB12 to be available in the beginning of 2025  
• DIASINO® provides 25T/Kit package size only





**ISO 13485:2016 QMS Certified**

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Infinois™ Salesheet 2024-10\_V3

Printing of DIASINO Red Logo  
RGB: 183 7 16  
CMYK: 36 100 100 2  
Pantone: 7626C

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