



# **Reagent Disks**

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**Vet Chemistry Analyzer**

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## Reagent Disks



To achieve miniaturization and automation on the small reagent panel

### Microfluidics



Precise freeze-dried beads to ensure the proper sample to chemistry ratio

### Lyophilization



Up to 24 chemistry tests at one panel with total 14 complete panels

### 14 Profiles

The reagent discs contain integrated components of optical and mechanical functions, and cooperate with the instrument to participate in each stage of blood analysis. Built-in QR code is innovatively used to identify the batch number, expiration date. Support setting of zone code to protect customers' profit. The reagent discs contain lyophilized reagent beads and diluent, individual channel, less cross contamination. The storage temperature is 2-8 °C with one year shelf life.

The blood coagulation reagent with four indexes used with the Vet Chemistry Analyzer, an automatic biochemical analyzer, is suitable for preoperative examination of pets, which can help doctors to understand whether the animal's hemostatic function is defective. The preoperative examination can prevent intraoperative bleeding.

## Independent Channel

Use microfluidic technology with internal independent channel to avoid cross-contamination during running.

## Built-in Diluent

Eliminate the need for the processing of adding diluent which makes the operation easier.

## Retaining Ring

The unique reagent disk retaining ring patent can effectively prevent the splash of liquid during the high-speed rotation of the reagent disk and reduce cross-contamination.

## Single-use

The reagent tray is individually packaged for a single serving and is for one-time use. There will be no secondary pollution during use, and it is clean and hygienic.

## QR Code

The innovative of built-in QR code technology not only has the decoding function of distinguishing the type of reagent plate and identifying the effective date of the reagent plate, but also has the function of regional custom code.

## 1 Year Shelf Life

The special lyophilization process is adopted to completely sublime the internal moisture of the reagent without destroying the active ingredients. The validity period is as long as 1 year under refrigeration at 2~8°C.



**13 Comprehensive Diagnostic Parameters**

K+, Na, ALT, ALB, ALP, AMY, TB, GLU, CHE, Crea, TP, UA, BUN, GLOB\*

**13 Health Check Parameters**

ALT,ALB, AST, AMY, Ca, Crea, GLU, TB, CK,TG,BUN, PHOS, TP, GLOB\*

**10 Primary Diagnostic**

ALB, A/G, ALP, ALT, Crea, GLOB, GLU, TP, B/C, BUN

**9 Liver Function Parameters**

ALT, AST, ALB, ALP, TBA, TBIL, GGT, TC, TP

**8 Kidney Function Parameters**

Ca, PHOS, tCO2, ALB, GLU, BUN, Crea,UA

**7 Electrolyte Parameters**

K, Na, Cl, Ca, tCO2, Mg, PHOS

**9 Pre-operation Test Parameters**

ALT, ALP, AST, GLU, BUN, Crea, TP,LDH, CK

**5 Canine Inflammation**

AMY, Crea, LPS, BUN, CRP

**8 Feline Inflammation**

LPS, GGT, f-SAA, ALP, BUN, ALB, TBA, Crea, B/C\*

**4 Coagulation Parameters**

PT, APTT, TT, FIB

**11 Reptilian or Exotric Animals**

ALB, AST, Ca, CK, GLU, K+, Na+, PHOS, TBA, TP, UA

**24 Comprehensive Test**

ALB, Crea, BUN, LPS, AMY, LDH, AST, TP, TB, Ca, CK, TC, GGT, TG, PHOS, GLU, TBA, ALP, ALT, GLOB\*, A/G\*, B/C\*, tCO2,UA

**9 Electrolyte Plus Parameters**

PHOS, Cl-, Na+, pH, K+, tCO2, LAC, Mg, Ca

**9 Diabetes Test Parameters**

ALT, AST, GLU, TG, TC, LAC, FRU, AMY, LPS



## Contact US



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