



Rotor profiles & Order Codes

Vet Chemistry Analyzer

Rotor profiles & order codes

Analyte (Full Name)	Albumin	Alkaline phosphatase	Alanine aminotransferase	Amylase	Aspartate aminotransferase	Calcium	Cholesterolase	Chloride	Creatine Kinase	Creatinine	Glucose	Gamma-glutamyltransferase	Potassium	Lactate dehydrogenase	Lipase	Magnesium	Sodium	Phosphorus	Bile Acids	Total Bilirubin	Total Cholesterol	Bicarbonate	Triglycerides	Total protein	Uric Acid	Urea nitrogen	C-reactive protein	Prothrombin	Activated partial thromboplastin	Thrombin	Fibrinog	Feline serum amyloid	Albumin/ Globulin	Urea nitrogen/ Creatinine	Glob*		
	ALB	ALP	ALT	AMY	AST	Ca	CHE	Cl ⁻	CK	Crea	GLU	GGT	K ⁺	LDH	LPS	Mg ²⁺	Na ⁺	PHOS	TBA	TB	TC	TCO2	TG	TP	UA	BUN	c-CRP	PT	APTT	TT	FIB	fSAA	A/G*	B/C*	GLOB*		
Comprehensive Test #AW00704 13	•	•	•	•			•			•	•		•				•							•	•	•								•	•	•	
Health Check #AW00085 13	•		•	•	•	•			•	•	•							•		•			•	•		•									•	•	•
Liver Function #AW00087 9	•	•	•		•							•							•	•	•			•											•		•
Kidney Function #AW00198 8	•					•				•	•							•				•			•	•										•	
Electrolyte #AW00234 7						•		•				•				•	•	•				•															
Primary Diagnostic #AW00686 10	•	•	•							•	•													•		•								•	•	•	
Emergency Diagnostic #AW00254 10			•	•			•	•		•	•		•				•					•				•										•	
Pre-operation #AW00235 9		•	•		•				•	•	•			•										•		•										•	
Canine Inflammation #AW00470 5				•						•					•											•	•									•	
Coagulation #AW00650 4																												•	•	•	•						
Feline Inflammation #AW00738 6		•							•										•					•		•								•			

8 Feline Inflammation

Order Code: **AW01181**

Characteristic

f-SAA (Feline Serum Amyloid) is an acute phase protein, which is mainly produced by the liver. It's secreted during the acute phase of inflammation and the concentration of SAA will increase more during onset and recurrence, especially in the early damage of inflammation and tissue. In the early stage of feline suffering from infectious diseases, SAA has important significance in the identification of bacterial and viral infections, and is an important inflammatory index and prognostic marker for felines. At the same time, the rotor contains pancreas, kidney, liver and gallbladder parameters, which can comprehensively assess the felines' physical condition.

Note: Parameters with * are calculated values

Parameters

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

5 Canine Inflammation

Order Code: **AW00470**

Characteristic

c-CRP (C-reactive protein) is the main acute-phase reactive protein in canines. It will increase in the presence of inflammation, and its much better in judging inflammation than white blood cells. Veterinary hospital is mainly used to assess the severity of systemic inflammation and monitor the effectiveness of treatment.

Note: Parameters with * are calculated values

Parameters

AMY Crea LPS BUN c-CRP B/C*

4 Coagulation Parameters

Order Code: **AW00650**

Characteristic

Coagulation test has a wide range applications in clinics, and it's often used to determine the blood coagulation function of animals before operation, as well as the poisoning and parvovirus test.

Parameters

PT APTT TT Fib

9 Diabetes Test Parameters

Order Code: **AW01364**

Characteristic

Fructosamine can diagnose diabetes more accurately that has occurred in animals within the last 1-2 weeks, and it can also effectively rule out hyperglycemia caused by stress (especially felines). Through continuous monitoring of fructosamine (test every 7 days) can reflect the effect of insulin therapy effectively.

Parameters

ALT AMY AST GLU LPS TC TG LAC FRU

9 Electrolyte Plus Parameters

Order Code: **AW01073**

Characteristic

The parameters contain PH and LAC. The PH is usually an important parameter for monitoring the normal activity of the enzyme system and it can assess the decompensated acidosis or alkalosis. The LAC can find out whether the animal has lactic acidemia, especially when the animal has multiple serious diseases, such as liver and kidney dysfunction, and shock.

Parameters

Ca Cl⁻ K⁺ Mg Na⁺ PHOS tCO₂ PH LAC

Ammonia Test Parameters

Order Code: **AW01815**

Characteristic

The ammonia produced by the various tissues of the animal body in the process of amino acid metabolism and the ammonia produced by the decomposition of intestinal microorganisms, all can enter the blood to form blood ammonia. If the animal has weight loss, back muscle atrophy, rough hair and other symptoms. It needs to be checked for ammonia to find out if it is caused by elevated blood ammonia or kidney disease. The ammonia parameter is often used with 8 kidney function parameters.

Parameters

NH₃

7 Electrolyte Parameters

Order Code: **AW00234**

Characteristic

The rotor contains a variety of ion parameters, such as K⁺ and Na⁺, which can check the content of electrolytes in animals and provide a basis for supplementing electrolytes to maintain internal osmotic pressure and acid-base balance. It's an indispensable checking method for clinical treatment of severe water loss and heart failure. It is often used for ion checking before animal infusion and in infusion, and provides an important basis for veterinarians to take medicine.

Parameters

Ca Cl⁻ K⁺ Mg Na⁺ PHOS tCO₂

11 Exotic & Reptilian Animals Parameters

Order Code: **AW00789**

Characteristic

Exotic & reptilian animal parameters, the parameters contain UA, which is especially suitable for the diseases checking of birds, reptiles and rodents.

10 Primary Diagnostic

Order Code: **AW00686**

Characteristic

Note: Parameters with * are calculated values

It can check liver and kidney protein, blood sugar metabolism. It's very helpful for canines and felines, especially canines sterilization, and it can be used for simple screening of acute and severe diseases and health check. ALP is a parameter that can better assist veterinarians in judging pancreatic diseases.

Parameters

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

9 Pre-operation Test Parameters

Order Code: **AW00235**

Characteristic

Note: Parameters with * are calculated values

It's often used to check whether the animals' physical signs are suitable for operation, and often used with the 4 coagulation parameters together, which can greatly reduce the risk of bleeding, pain and anesthesia during the operation. Transaminase is used to assess the function of anesthesia recovery, and help the veterinarians to confirm anesthetic dosage. LDH assesses myocardial indicators and prevents surgical risks such as shock during operation.

Parameters

ALP ALT AST CK Crea GLU LDH TP BUN B/C*

8 Kidney Function Parameters

Order Code: **AW00198**

Characteristic

Note: Parameters with * are calculated values

According to the parameters to check and assess the kidney function. Through observing the clinical manifestations of animals and detecting the B/C* parameter, veterinarians can judge prerenal, renal, and postrenal azotemia correctly. Especially for felines, the incidence of kidney disease due to lack of drinking water is higher than that of other animals. Crea, Bun, Ca and PHOS are helpful for the reexamination of kidney diseases.

Parameters

ALB Ca Crea GLU PHOS tCO₂ UA BUN B/C*

9 Liver Function Parameters

Order Code: **AW00087**

Characteristic

Note: Parameters with * are calculated values

Liver function is a required check item for routine diseases, and the veterinarians can judge the cause based on liver function parameters accurately. TBA, ALP and GGT are very important for the detection of animal liver function and cholestasis.

23 Comprehensive Plus Test

Order Code: **AW01367**

Characteristic

This rotor with the most comprehensive parameters cover multiple biochemical groups such as liver, kidney, pancreas, myocardium, ion, protein, and metabolism, and can help veterinarians to diagnose diseases in all aspects. It is often used for comprehensive test of disease and health. It is a cost-effective rotor for veterinary hospitals and pet owners.

Note: Parameters with * are calculated values

Parameters

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

13 Comprehensive Diagnostic Parameters

Order Code: **AW00704**

Characteristic

The combination involves multiple parameters, such as liver function, kidney function, blood sugar, K⁺ and Na⁺. Therefore, it's meaningful for nephropathy monitoring. It's very helpful for the sterilization of felines and canines, and it also can be used for simple screening of emergency diseases and health check. Among them, the ALP can better assist veterinarians in the judgment of pancreatic diseases.

Note: Parameters with * are calculated values

Parameters

ALB ALP ALT AMY CHE K⁺ Na⁺ Crea GLU TB TP UA
BUN A/G* B/C* GLOB*

13 Health Check Parameters

Order Code: **AW00085**

Characteristic

It's often used for disease screening, health check and sterilization check, which can help veterinarians make clinical diagnosis. This parameters involve liver function, kidney function, myocardium and blood lipids. It's also often used for a comprehensive test during treatment (test every 3-4 days). 13 Health check parameters are suitable for felines and canines with obvious symptoms of liver and kidney damage. It can be preliminarily judged high or low blood calcium through combined with total Ca and ALB.

Note: Parameters with * are calculated values

Parameters

ALB ALT AMY AST GLU CK Ca Crea BUN TB TG TP
PHOS A/G* B/C* GLOB*



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