



# Exigo™ C200 panels

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Exigo C200 panel offers an easy and quick route to multiplex analysis of animal blood. The panels are parameters, developed and combined to support the clinician in assessing the health status or diagnosis of a patient.



## Comprehensive Plus Panel

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The most comprehensive panel for testing of multiple functions such as liver, kidney, pancreas, myocardium, ion, protein, and metabolism. The panel can be used for comprehensive disease and health assessments.

**Parameters:** ALB, ALP, ALT, AMY, AST, Ca, CK, Crea, GGT, GLU, LDH, LPS, PHOS, TBA, TC, tCO<sub>2</sub>, TB, TG, TP, UREA, UA, A/G\*, U/C\*, GLOB\*

## Comprehensive Diagnostic Panel

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Used for testing of liver and kidney function, blood glucose, electrolyte balance, and more, for example, in pre-sterilization assessment of felines and canines, screening of emergency diseases, and health checkups. ALP can support veterinarians in assessing pancreatic diseases.

**Parameters:** ALB, ALP, ALT, AMY, CHE, Crea, GLU, K<sup>+</sup>, Na<sup>+</sup>, TB, TP, UREA, UA, A/G\*, U/C\*, GLOB\*

## Health Check Panel

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Used for disease screening, health examination, sterilization examination, and monitoring during treatment, including assessment of liver function, kidney function, myocardium, and blood lipids. The panel is often used for felines and canines with obvious symptoms of liver and kidney damage, and can provide a preliminary indication of high or low blood calcium in combination with total Ca and ALB.

**Parameters:** ALB, ALT, AMY, AST, Ca, CK, Crea, GLU, PHOS, TB, TG, TP, UREA, A/G\*, U/C\*, GLOB\*

## Diabetes Panel

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The Diabetes Panel is used in diabetes diagnosis and monitoring. With parameters such as fructosamine, which is associated with prolonged hypoglycemia, the panel can be useful in identifying diabetes as well as in monitoring glycemic control in diabetic patients.

**Parameters:** ALT, AMY, AST, FRU, GLU, LPS, TC, TG, LAC

## Electrolyte Plus Panel

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K<sup>+</sup>, Na<sup>+</sup>, Ca, Mg, Cl<sup>-</sup>, pH, and LAC can indicate a need for electrolyte supplementation to maintain osmotic pressure and pH balance. The panel can also help evaluating compensatory acid-base poisoning.

The addition of Crea, UREA, and GLU broadens the application for disease investigations of large animals.

**Parameters:** Ca, Cl<sup>-</sup>, Crea, GLU, K<sup>+</sup>, LAC, Mg, Na<sup>+</sup>, pH, PHOS, tCO<sub>2</sub>, UREA, U/C\*

## Primary Diagnostic Panel

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Used for checking liver and kidney protein and blood glucose metabolism. The panel can be helpful for canines and felines, especially in pre-sterilization assessment of canines, in health examinations, or for screening of acute and severe diseases. ALP can support veterinarians in assessing pancreatic diseases.

**Parameters:** ALB, ALP, ALT, Crea, GLU, TP, A/G\*, UREA, U/C\*, GLOB\*

## Liver Function Panel

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Can support the clinician in examination of possible hepatic-related diseases and to monitor the functioning of the patient's liver. Many drugs influence the hepatic system and can potentially cause damage if their effects are not monitored properly.

Elevated ALP and GGT can be especially useful for detection of cholestasis.

**Parameters:** ALB, ALP, ALT, AST, GGT, TP, TB, TC, TBA, A/G\*, GLOB\*

## Canine Inflammation Panel

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Can be used for assessing the severity of systemic inflammation and monitoring the effectiveness of treatment. C-reactive protein (CRP) is the main acute-phase reactive protein in canines and will increase in case of inflammation.

**Parameters:** AMY, c-CRP, Crea, LPS, UREA, U/C\*

## Kidney Function Panel

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A universal panel for all species, to help locate potential abnormalities in the renal function. For cats, for example, creatinine, calcium, and phosphorus are especially important for monitoring chronic kidney disease (CKD). Cys C can rise rapidly in the early stages of kidney injury and is a sensitive indicator of kidney function in canines.

**Parameters:** ALB, c-Cys C, Crea, Ca, GLU, PHOS, UA, tCO<sub>2</sub>, UREA, U/C\*

## Pre-operation Panel

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Used for checking the suitability for operation. Transaminase can be used to estimate anesthesia recovery and help confirm anesthetic dosage. LDH can be used as myocardial indicator and to prevent surgical risks such as shock during operation.

**Parameters:** ALT, ALP, AST, CK, Crea, GLU, LDH, TP, UREA, U/C\*

## Feline Inflammation Panel

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Can be used for identification of infection or inflammatory and as prognostic marker for felines. Serum amyloid A (SAA) is an acute phase protein mainly produced by the liver and secreted during the acute phase of inflammation. The concentration of SAA will increase more during onset and recurrence of inflammation. Parameters related to the pancreas, kidney, liver, and gallbladder can comprehensively assess the felines physical condition.

**Parameters:** ALB, ALP, Crea, f-SAA, GGT, LPS, TBA, TP, UREA, A/G\*, U/C\*, GLOB\*

## Coagulation Panel

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Allows for an initial categorization of a patient's hemostatic function. The panel can, for example, be used in pre-operative screening of bleeding risk.

**Parameters:** APTT, Fib, PT, TT



Clinical scenario  
**Health screening**

**Recommended rotor**

- Comprehensive Plus Panel
- Health Check Panel

Clinical scenario  
**Disease investigation**

**Recommended rotor**

- Feline Inflammation Panel
- Canine Inflammation Panel
- Coagulation Panel
- Primary Diagnostic Panel

Clinical scenario  
**Pre-operation checklist**

**Recommended rotor**

- Pre-operation Panel
- Comprehensive Diagnostic Panel

Clinical scenario  
**Disease course monitoring**

**Recommended rotor**

- Kidney Function Panel
- Liver Function Panel
- Electrolyte Plus Panel
- Diabetes Test Panel

# Parameter abbreviations

<b>ALB</b>	Albumin	<b>FRUC</b>	Fructosamine	<b>TC</b>	Total cholesterol
<b>ALP</b>	Alkaline phosphatase	<b>f-SAA</b>	Feline serum amyloid A	<b>tCO2</b>	Total carbon dioxide
<b>ALT</b>	Alanine aminotransferase	<b>GGT</b>	Gamma-GT	<b>TG</b>	Triglycerides
<b>AMY</b>	Amylase	<b>GLU</b>	Glucose	<b>TP</b>	Total protein
<b>APTT</b>	Activation of partial thromboplastin time	<b>K</b>	Potassium	<b>TT</b>	Thrombin time
<b>AST</b>	Aspartate aminotransferase	<b>LAC</b>	Lactic acid	<b>UREA</b>	Blood urea
<b>Ca</b>	Calcium	<b>LDH</b>	Lactate dehydrogenase	<b>UA</b>	Uric acid
<b>c-CRP</b>	Canine C-reactive protein	<b>LPS</b>	Lipase	<b>A/G*</b>	Albumin/Globulin
<b>c-Cys C</b>	Canine cystatin C	<b>Mg</b>	Magnesium	<b>U/C</b>	UREA to Creatinine ratio
<b>CHE</b>	Cholinesterase	<b>Na</b>	Sodium	<b>GLOB*</b>	Globulin, total protein minus albumin
<b>CK</b>	Creatine kinase	<b>PHOS</b>	Phosphorus		
<b>Cl</b>	Chlorine	<b>PT</b>	Prothrombin time		
<b>Crea</b>	Creatinine	<b>TB</b>	Total bilirubin		
<b>Fib</b>	Fibrinogen	<b>TBA</b>	Bile acids		

\* Calculated parameters

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