



Analytes

ALB, AST, BA, CA, CK, GLOB, GLU, K⁺, NA⁺, PHOS, TP and UA

Ideal For

Measuring analytes that represent the most important areas of concern in avian and reptilian patients

Used For

- Evaluation of renal function, electrolyte status and liver integrity and function
- Wellness testing
- Annual health profiling
- Pre- or postpurchase exams
- Pre-anesthetic evaluation
- Emergency cases
 - Triage of clinically ill or injured patients
 - Evaluation of liver integrity and function
 - Ill patient diagnostics
 - Evaluation of renal status and electrolyte status
- Long-term monitoring after recovery and discharge
- Measuring response to therapy

Rotor Utilization

Utilization of the Avian/Reptilian Profile Plus in the veterinary practice will enhance patient care, improve veterinary diagnostics and provide additional practice revenue. Pet birds and reptiles are notorious for hiding signs of illness and will often do so until they reach a critical stage in which they can no longer compensate or mask those symptoms. The ease of use and utility of the Avian/Reptilian Profile Plus not only allows the clinician to diagnose the ill patient and screen for disease, but to incorporate a comprehensive health plan into the practice for every patient.

The Avian/Reptilian Profile Plus is designed to provide the clinician with a complete profile of vital tests to evaluate the patient. Values such as AST, BA, CA, CK, GLU and UA are indispensable in the avian practice. This profile offers the necessary analytes to gain an overview of the animal's health while providing focus on specific organ functions.

Sample Size

A sample size of 100 μ L of whole blood, serum or plasma is required for a complete chemistry panel. This fact makes the Avian/Reptilian Profile Plus invaluable in avian and reptilian diagnostics. In many patients, only an extremely small blood volume is available from which all the necessary data must be obtained. The common parakeet, for example, can only provide approximately 300 μ L of whole blood for which all diagnostic needs must be satisfied.

Utility of the Avian/Reptilian Profile Plus

Pre- or Postpurchase Exams

Pre- or postpurchase exams should always include a complete blood panel profile in addition to a physical examination and complete history evaluation. Reasons for including blood work within your purchase exam requirements are:

- Both juvenile and adult birds will hide signs of illness
- Novice bird owners are less likely to notice these telltale signs of illness
- Signs of illness may be mistakenly identified as “normal baby behavior” in baby birds
- Assisting the pet retailer to qualify the health of the inventory
- Postpurchase profiling accomplishes the following:
 - Ensuring that the new owner has acquired a healthy pet
 - Serves as a barometer of the health of the animals coming from a particular store
 - Establishes a healthy baseline for the new patient

Unhealthy or ill patients can be indentified early and the patient, pet owner and retailer benefit. Blood testing, in addition to a full and complete physical examination, provides the veterinarian with the complete picture of the patient's health.

Annual Health Screening

Pet birds are notorious for hiding signs of illness. In many cases, by the time illness is demonstrated, the patient is in an advanced state of deterioration. Many conditions, especially those that are noninfectious, may take years to reach a critical degree. The value of annual health profiling is that these conditions can often be diagnosed long before signs are exhibited, and well before the condition has become irreversible. The Avian/Reptilian Profile Plus is the only panel available that includes bile acids, maximizing the value of the annual exam by omitting no important analytes needed for a complete evaluation.

Presurgical Profiling

The risk of complication from anesthesia is significantly increased if the patient has underlying renal impairment, hepatic dysfunction or other undisclosed health issues. Presurgical screening provides multiple benefits, which include:

- Identification of subclinical disease that can compromise a positive outcome
- Identification of organ dysfunction so that a safe anesthetic protocol can be determined
- Identification of the healthy patient so that the veterinary team may proceed with anesthesia with a higher degree of confidence

Triage of Clinically Ill and Injured Patients

When an avian patient is presented in a compromised state of health and its condition must be assessed, time is of the essence. Sick birds are often near death, and data must be obtained immediately in order to render definitive therapy. While the urgency of obtaining diagnostic data in injured patients depends on the extent of the injuries, the data still must be complete and promptly obtained. Common subclinical conditions, often lead to complications following injury or surgery. The Avian/Reptilian Profile Plus provides the necessary information to properly assess and diagnose these patients.