



Analytes

ALP, ALT, BUN, CRE, GLU and TP

Ideal For

Basic health screen for pre-anesthetic evaluation and testing minimal values for baselines of young, healthy patients or recheck profile for some disease states

Used For

- Lower-cost option for clients to perform wellness screening for young pets
- Pre-anesthetic screening for common surgeries on apparently healthy, young patients for dental procedures, ovariohysterectomies and castrations
- Recheck for disease states such as diabetes mellitus and renal disease

Rotor Utilization

The Prep Profile II provides basic values for the clinical evaluation of young, apparently healthy patients as well as values commonly utilized for rechecks.

Pre-Anesthetic Testing

The 6 tests available on the Prep Profile II rotor are chemistry values commonly evaluated prior to procedures involving sedation or anesthesia. These values provide baseline information regarding:

- Renal health: BUN and CRE
- Hepatic health: ALT, ALP and GLU
- Hydration: TP and BUN
- Metabolism: GLU

Should abnormalities be identified, additional testing can be performed utilizing other profiles such as the Comprehensive Diagnostic Profile, the Mammalian Liver Profile or the Critical Care Plus profile.

Preventive Care Testing

A published report¹ shows that wellness testing identifies a significant number of patients with a subclinical disease, increases diagnostics in other areas of the practice, improves the quality of medicine provided by the practice and increases practice revenue and patient load. In addition, a completely normal wellness panel provides great peace of mind for the veterinary staff and pet owner—everyone wants a positive report!

The Prep Profile II provides important parameters often utilized in wellness testing of the young, apparently healthy patient. As with pre-anesthetic testing, additional testing can be performed with other panels should abnormalities be observed.

Recheck Evaluations and Hospital Monitoring

The Prep Profile II provides important information for renal, hepatic and diabetic patients being hospitalized, monitored, or undergoing long-term treatment. The lower cost of the rotor provides basic necessary values for cost-sensitive clients or for the clinician who has determined the need to monitor only the basic values provided.

- GFR and hydration: BUN and CRE
- Hydration and protein loss (renal, gastrointestinal, etc.): TP
- Metabolism, hepatic function and concurrent diabetes: GLU
- Hepatic cellular necrosis or leakage: ALT
- Hepatic swelling and endocrine screen: ALP

It is important to remember that many chronically ill patients often develop multiple-organ failure. For example, the renal patient often develops diabetes mellitus or hepatic disease. Therefore, monitoring at least the baseline values with the Prep Profile II is providing better care than monitoring only individual parameters.

¹Irwin, J., *Veterinary Economics* 42[4]:36-40 Apr 2001

