



For Love of the Horse

Equine Metabolic Syndrome & Malabsorption Syndrome Blood Panel Requirements

Joseph Thomas, Ph.D.

Blood Panel #1

- CBC w/differential count
- Direct Bilirubin
- Serum Glucose & Serum Insulin (on the same draw),
- Complete Liver Profile

This blood panel allows Dr Thomas to understand the "whole" horse's involvement in the disease process, e.g. liver, spleen/pancreas, protein patterns, immune dysfunction, category of anemia, mathematical indices for insulin sensitivity and beta-cell responsiveness, placement along the metabolic progression curve, and more. This then gives him the information he needs to "track" the recovery course along time as well as risk factor.

Blood Panel #2

- CBC w/differential count
- Complete Liver Profile
- Total Bilirubin & Direct Bilirubin
- Serum Glucose & Serum Insulin (on the same draw),
- Lipid Profile Include Triglycerides
- Total Bicarbonate & Anion Gap

The addition of the lipid panel illustrates the horse's functional ability to "process" fats, e.g. total cholesterol, HDL (good cholesterol), LDL (low density lipid or bad cholesterol), VLDL (very low density lipid). This panel will also give Dr. Thomas more detailed information concerning the possibility and severity of a vascular component accompanying many horses with the metabolic syndrome.

Base Line and Follow-up Evaluations

In a Base Line or Follow Up Panel Evaluations Dr. Thomas will evaluate the horses blood panel information that you submit; provide a concise summary of his findings and a custom herbal solution protocol based on this evaluation for your horse. The cost of his evaluation is \$50 and the written protocol is \$10

In-depth Analysis and Interpretation

In addition to the blood panel evaluation and herbal solution protocol recommendation, Dr. Thomas will provide you with an in-depth written Blood Analysis and Interpretation. The cost of the full Blood Panel Analysis and Interpretation is \$150.

Note: We can only accept the full legible Lab Reports – no single typed values. Send results by fax, email, or postal mail.

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