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“P” TESTS

Test Name	Synonyms	Panels	Clinical Significance
Phosphorus	P, PO4, Phosphate, Phos	Vet Renal Panel	Phosphorus increases due to renal failure (secondary renal hyperparathyroidism). Decreases are seen in some downer cows and as part of the stress pattern in horses and small animals.
Platelet Count	Thrombocyte Count, PLT	Vet CBC, Vet CBCD	This test is used to screen for, diagnose, and monitor conditions that affect the number of platelets in blood (e.g., bleeding disorders, bone marrow diseases, or other underlying conditions).
Potassium	K	Vet CMP, Vet Electrolyte Panel, Vet Renal Panel	Potassium increases due to Addison's disease and severe renal failure (especially terminal cases). It decreases due to Conn's syndrome, chronic renal dysfunction, vomiting, diarrhea, and insufficient potassium provision during IV fluid therapy. Congenital hypokalemia occurs in Burmese cats.
Protein, Total	TP	Vet BMP, Vet CMP, Vet Liver Panel	Total Protein may be increased due to dehydration, chronic inflammation, and paraproteinemia. It may be decreased due to overhydration, severe congestive heart failure (with edema), protein-losing nephropathy, protein-losing enteropathy, hemorrhage, burns, dietary protein deficiency, malabsorption, and some viral conditions (especially in horses).
PT	Prothrombin Time, Pro Time, Prottime		This test is used to measure prothrombin time which is used to help detect and diagnose a bleeding disorder or excessive clotting disorder.