






## Tube Guide including recommended order of draw

All BD Vacutainer® tubes require immediate mixing following collection

Order of draw	Tube Content	Determinations	Instructions
1	 Sodium Citrate	<b>HAEMOSTATIC STUDIES:</b> Prothrombin time (PT), activated partial thromboplastin time (APTT), fibrinogen	Citrate tubes must be filled to the full draw volume. Draw must be a clean venepuncture.
2	 EDTA	<b>HAEMATOLOGY:</b> Complete blood count, platelet count, fibrinogen, plasma solids concentration. <b>ENDOCRINOLOGY:</b> Endogenous ACTH. <b>BIOCHEMISTRY:</b> ALT, GGT, urea, creatinine, bilirubin, total protein, albumin, cholesterol, glucose, cyclosporine, phosphorus,	EDTA tubes should be filled to the correct level for adequate assessment of erythrocyte morphology.  Send a fresh smear if there is to be a delay in processing.
3	 Plain	<b>BIOCHEMISTRY:</b> CK, AST, ALT, ALP, GGT, GLDH, urea, creatinine, bicarbonate, total protein, albumin, electrolytes, amylase, lipase, calcium, phosphorus, ketones, fructosamine, phenobarbitone, KBr, serum bile acids, triglycerides, serum protein electrophoresis. <b>ENDOCRINOLOGY:</b> Total T4, canine TSH, cortisol, TLI, insulin, progesterone, oestrone sulphate, PMSG, testosterone. <b>SEROLOGY:</b> all	Do not contaminate serum sample with EDTA.
4	 Fluoride oxalate	<b>BIOCHEMISTRY:</b> Glucose.	Not suitable for haematology.  Note that under filled fluoride oxalate samples can result in erroneous hypoglycemia.
5	 Lithium heparin	<b>HAEMATOLOGY:</b> Avian and exotics species only. <b>BIOCHEMISTRY:</b> Muscle enzymes, liver enzymes, urea, creatinine, total protein, albumin, electrolytes, amylase, lipase, calcium, phosphorus, ketones.	<b>Only draw if needed.</b> Not suitable for haematology (except in avian and exotic species). Not suitable for endocrinology.

**ALWAYS LABEL TUBES AND FORMS LEGIBLY. FOR ANY OTHER TESTS PLEASE CONTACT LABORATORY.**

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