

How much Blood is needed for Biochemistry?

Collecting sufficient volumes of blood is rarely a problem in production animals but can be in small animal patients. **If you can't get enough blood tell us what your priority testing is (i.e. what are you trying to rule out or in?).**

Biochemistry profiles need a minimum of 0.2 mL serum which is about 0.4 - 0.6 mL sample depending on the animal's haematocrit. However, more than 1 mL is ideal, allowing retesting if results are unexpected, or if lipaemia is present.

Endocrine assays require at least 0.6 mL of blood.

Trace elements are big users of serum with 0.5 – 1.0 mL needed per analyte.