Adult Blood Sample Algorithm

Start

Does the patient have a low white cell count?

No

Draw 4-6mL whole blood in EDTA (lavender top) tubes.

Yes

Is this the first sample for this patient?

Yes

Draw a minimum of 9mL whole blood in EDTA (lavender top) tube(s).

No

Consider an alternative sample source: 2-3 T25 flasks of cultured fibroblasts* or DNA extracted from a skin biopsy, or saliva. If a second source is not possible, please draw an additional 9mL whole blood in EDTA (lavender top) tubes.

*If sending cultured cells, a backup culture should be maintained by the referring institution or lab until testing is complete.