








ORDER OF COLLECTION


Cap Color	Description	Instructions
 Blood culture bottles	Contains anticoagulants and preservatives to culture bacteria/ <i>always collect a waste tube if collecting other tubes after</i>	Mix 8 to 10 times immediately after collection to prevent clotting.
 Light blue top tube	Contains sodium citrate as an anticoagulation- used for collection of blood for coagulation studies.	Mix 8 to 10 times Immediately after collection to prevent clotting. Note: It is imperative that tube be filled to line indicated on tube. Proper ratio of blood to anticoagulant insures valid results.
 Red top tube	Contains no anticoagulant and no gel – used for collection of serum for some chemistry tests.	Let stand for 20 to 30 minutes before centrifuging.
 Gold top tube	Contains clot activator and serum gel separator – used for most chemistry and immunology laboratory tests.	Mix 8 to 10 times immediately after collection. Let stand for 20 minutes before centrifuging.
 Light Green Top Tube	Contains lithium heparin and a plasma gel separator – used for collection of various chemistry test.	Mix 8 to 10 times immediately after collection to prevent clotting



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<p>Dark Green top</p> 	<p>Contains lithium heparin and no gel – used for some genetic tests.</p>	<p>Mix 8 to 10 times immediately after collection to prevent clotting.</p>
<p>Lavender (purple) top tube</p> 	<p>Contains EDTA as an anticoagulant and no gel – used for cell counts and WBC differential.</p>	<p>Mix 8 to 10 times immediately after collection to prevent clotting.</p>
<p>Large lavender (purple) top tube</p> 	<p>Contains EDTA as an anticoagulant – used for blood bank tests</p>	<p>Mix 8 to 10 times immediately after collection to prevent clotting.</p>
 <p>Grey top tube</p>	<p>Contains potassium oxalate as an anticoagulant and sodium fluoride as a preservative; used to preserve glucose.</p>	<p>Mix 8 to 10 times immediately after collection to prevent clotting.</p>
<p>Dark blue top tube: EDTA</p> 	<p>There are two types of dark blue top tubes. One contains EDTA as the anticoagulant. This is used for lead and other trace elements.</p>	<p>Mix 8 to 10 times immediately after collection to prevent clotting</p>
<p>Dark blue top tube : no anticoagulants</p>	<p>The other has no Anticoagulant. It is used for other trace elements.</p>	<p>Let stand for 20 to 30 minutes before centrifuging.</p>

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 Yellow top tube	Contains ACD1 or ACD 2 as an anticoagulant – used for whole blood genetic testing	Mix 8 to 10 times immediately after collection to prevent clotting
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QuantiFeron – Gold TB tube set. Used only for detecting tuberculosis infection Specialized collection tubes. Collect in the following order:

Nil / Negative control	Grey
TB1 antigens	Green
TB2 Antigens	Yellow
Mitogen tube positive control	Purple

Shake each tube vigorously 10 times immediately after collection. Incubate at 37 degrees within 16 hours of collection.

Order of Draw is Very Important!