# VACUETTE® ADULT BLOOD TUBE SELECTION CHART

Leeds Teaching Hospitals

For more information consult ‘Test and Tube Guide’ under Laboratory Medicine on the Intranet

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Volume</th>
<th>Cap Colour</th>
<th>Cap Ring Colour</th>
<th>Tube Type</th>
<th>Tests</th>
<th>Special Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>KFK 305</td>
<td>4ml</td>
<td>Gold</td>
<td>Gold</td>
<td>Clotting Accelerator and Separation Gel</td>
<td>Routine Biochemistry, Thyroid and Steroid Hormones, Tumour markers and Troponin, Haematinics (B12, Folate, Ferritin)</td>
<td>Not for use in Renal Unit, CCU, Transplant Units and patients on I.V Heparin</td>
</tr>
<tr>
<td>KFK 261</td>
<td>5ml</td>
<td>Red</td>
<td>Yellow</td>
<td>Clotting Accelerator</td>
<td>Bacterial and Viral Serology, Antibiotic Assays, Mycology Assays</td>
<td>Serology - Please ensure tubes are filled to the line</td>
</tr>
<tr>
<td>KFK 122</td>
<td>3.5ml</td>
<td>Blue</td>
<td>Black</td>
<td>Trisodium Citrate</td>
<td>Coagulation Requests</td>
<td></td>
</tr>
<tr>
<td>KFK 387</td>
<td>6ml</td>
<td>Yellow</td>
<td>Black</td>
<td>ACD-B</td>
<td>Transplant Immunology and Tissue Typing</td>
<td></td>
</tr>
<tr>
<td>KFK 320</td>
<td>3ml</td>
<td>Green</td>
<td>Yellow</td>
<td>Li Heparin and Separation Gel</td>
<td>Use instead of Gold tube for units mentioned in Special Instructions. Ammonia</td>
<td></td>
</tr>
<tr>
<td>KFK 028</td>
<td>4ml</td>
<td>Green</td>
<td>Black</td>
<td>Li Heparin</td>
<td>Renin, Aldosterone PLEASE CONTACT LABORATORY BEFORE COLLECTION</td>
<td></td>
</tr>
<tr>
<td>KFK 389</td>
<td>4ml</td>
<td>Lavender</td>
<td>Black</td>
<td>EDTA</td>
<td>Haematology Requests. Cyclosporin, Tacrolimus, HbA1c, Blood Lead, Cadmium, ACTH, PTH TPMT, Lymphocyte Subsets. Bacterial and Viral Nucleic Acid Detection</td>
<td></td>
</tr>
<tr>
<td>KFK 265</td>
<td>6ml</td>
<td>Pink</td>
<td>Black</td>
<td>EDTA for Cross-match</td>
<td>Transfusion Tests including: Group and Save, Crossmatch, Kleihauer, DAT (Coombs Test), Cold Agglutinins. HLA Testing and Molecular Tissue Typing</td>
<td></td>
</tr>
<tr>
<td>KFK 330</td>
<td>2ml</td>
<td>Grey</td>
<td>Black</td>
<td>NaF/Ox</td>
<td>Glucose, Lactate, Alcohol</td>
<td></td>
</tr>
<tr>
<td>KFK262</td>
<td>6ml</td>
<td>Royal Blue</td>
<td>Black</td>
<td>Sodium Heparin Trace Elements</td>
<td>Copper, Zinc, Aluminium, Selenium, Chromium, Mercury, Maganese</td>
<td></td>
</tr>
</tbody>
</table>

**Blood samples should be taken in the following order:**

Blood Culture - (aerobic followed by anaerobic) - if insufficient blood for both culture bottles, use aerobic bottle only. Fill with 3-10mls. Higher volume within range increases detection rate. **DO NOT OVERFILL**

**IMPORTANT**

- Hold tube in place with the thumb until tube is filled to the required level.
- All tubes should be mixed thoroughly.
- Labelling standards should be adhered to.
- Please Transport Correctly.

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Adult Blood Tube Selection Chart

1. First of all remove the cover over the needle section of the multisample needle.
2. Screw the needle into the tube holder.
3. Insert the needle into the vein as usual.
4. Push the tube into the holder and onto the needle valve puncturing the rubber diaphragm.
5. Hold tube in place with the thumb until tube is filled to the required level.
6. When the first tube is full and the blood flow ceases remove it from the holder. Further samples can then be collected by introducing more tubes into the holder.
7. Mix tubes by inversion 6-8 times.

For safety reasons carefully dispose of the needle in the sharps box.