<table>
<thead>
<tr>
<th></th>
<th>First Trimester Only</th>
<th>Serum Integrated (without NT)</th>
<th>Full Integrated (with NT)</th>
<th>Sequential Screen</th>
<th>Quad</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sample(s) collected</strong></td>
<td>first trimester</td>
<td>first trimester and second trimester</td>
<td>first trimester and second trimester</td>
<td>first trimester and second trimester</td>
<td>Second trimester</td>
</tr>
<tr>
<td><strong>Gestational age</strong></td>
<td>Blood: 43–83.9 mm (11w0d–13w6d) NT: 38–83.9 mm (10w3d–13w6d)</td>
<td>32.4–83.9 mm (10w0d–13w6d) by US or LMP</td>
<td>Blood: 32.4–83.9 mm (10w0d–13w6d) NT: 38–83.9 mm (10w3d–13w6d)</td>
<td>Blood: 43–83.9 mm (11w0d–13w6d) NT: 38–83.9 mm (10w3d–13w6d)</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Second-trimester measurements</strong></td>
<td>N/A</td>
<td>AFP, hCG, uE3, DIA</td>
<td>AFP, hCG, uE3, DIA</td>
<td>AFP, hCG, uE3, DIA</td>
<td>AFP, hCG, uE3, DIA</td>
</tr>
<tr>
<td><strong>Gestational age</strong></td>
<td>N/A</td>
<td>14w0d–24w6d (by previous CRL or LMP)</td>
<td>14w0d–24w6d (by previous CRL)</td>
<td>14w0d–24w6d (by previous CRL)</td>
<td>14w0d–24w6d</td>
</tr>
</tbody>
</table>

**Down syndrome**

- **Detection rate**
  - First trimester: 85%
  - Second trimester: 85%
  - Full integrated: 87%
  - Sequential screen: 86%
    - 63%—first draw;
    - 23%—second draw
  - Quad: 81%

- **False-positive rate**
  - First trimester: 6%
  - Second trimester: 3-4%
  - Full integrated: 1%
  - Sequential screen: 1.6%
    - 0.6%—first draw;
    - 1%—second draw
  - Quad: 4–5%

**Trisomy 18**

- **Detection rate**
  - First trimester: ~80%
  - Second trimester: 90%
  - Full integrated: 90%
  - Sequential screen: 90%
  - Quad: ~80%

- **False-positive rate**
  - First trimester: <1%
  - Second trimester: 0.01%
  - Full integrated: 0.01%
  - Sequential screen: 0.01%
  - Quad: <0.5%

**Open NTD**

- **Detection rate**
  - First trimester: N/A
  - Second trimester: 80%
  - Full integrated: 80%
  - Sequential screen: 80%
  - Quad: 80%

- **False-positive rate**
  - First trimester: N/A
  - Second trimester: 1–2%
  - Full integrated: 1–2%
  - Sequential screen: 1–2%
  - Quad: 1–2%

**Results reported**

- First trimester: Sample(s) collected, First trimester only, Serum integrated (without NT), First trimester and second trimester, Full integrated (with NT), Sequential screen, Quad.
- Second trimester: Sample(s) collected, First trimester only, Serum integrated (without NT), First trimester and second trimester, Full integrated (with NT), Sequential screen, Quad.
- Both first and second trimesters: Sample(s) collected, First trimester only, Serum integrated (without NT), First trimester and second trimester, Full integrated (with NT), Sequential screen, Quad.

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