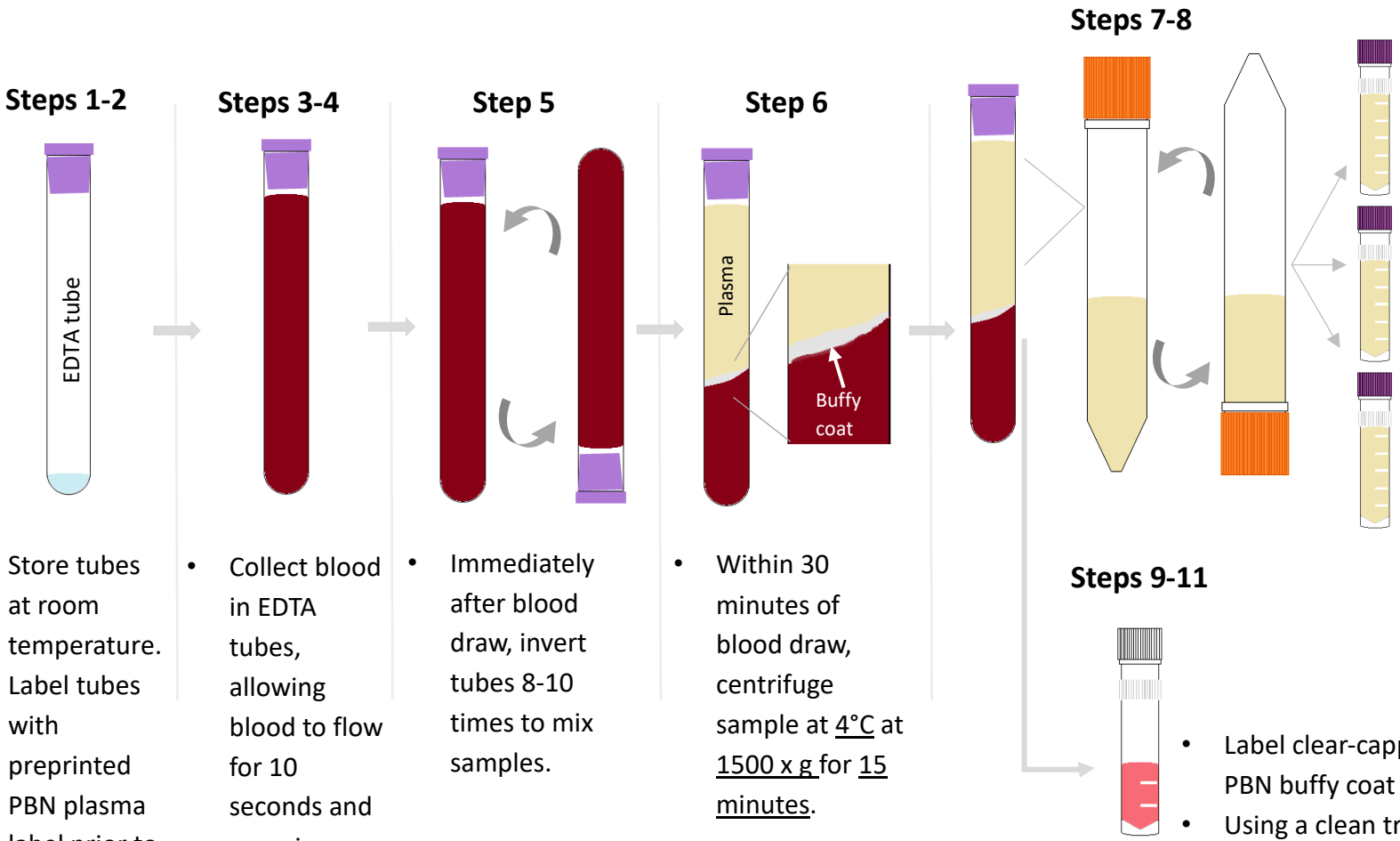
Sample Collection and Processing: Plasma



- Store tubes at room temperature.
- Label tubes with preprinted PBN plasma label prior to blood draw.

- Collect blood in EDTA tubes, allowing blood to flow for 10 seconds and ensuring blood flow has stopped.

- Immediately after blood draw, invert tubes 8-10 times to mix samples.

- Within 30 minutes of blood draw, centrifuge sample at 4°C at 1500 x g for 15 minutes.

- Label purple-capped cryotubes with preprinted plasma labels.
- Using a clean transfer pipet, transfer plasma into a 15 ml conical tube and mix gently by inverting 3-4 times.
- Aliquot 1.5 ml plasma into each cryotube.
- If a residual aliquot (<1.5 ml) is created, place a blue cap on this aliquot.
- Store plasma aliquots upright at -80°C until

- Label clear-capped cryotubes with preprinted PBN buffy coat labels.
- Using a clean transfer pipet, collect the buffy coats (will include some plasma and red blood cells).
- Transfer each buffy coat to separate cryotubes.
- Store plasma and buffy coat aliquots upright at -80°C until shipment.