Instructions for clinicians offering Lucina NIPT

1. Patients should be given access to the Lucina NIPT patient information leaflet.

2. Patients should be consented using the Lucina NIPT patient consent form (a signed copy of this consent form must be sent to the lab together with the patient referral form and sample before testing can take place).

3. A WMRGL referral form with a clearly affixed Lucina NIPT sticker showing gestation of pregnancy must be sent with all samples.

4. Blood samples should be taken in provided Streck™ BCT tube
   a. This tube must contain between 7 and 10ml of blood to allow for testing, a minimum of 7ml of blood is required.
   b. When drawing blood, use a Vacutainer blood draw system without tubing.
   c. After blood is drawn into tube, it is mandatory to mix the tube by gentle inversion 8-10 times (as shown in below diagram).
   d. Label the tube with BOTH the patient’s full name and date of birth.

5. Samples must be sent directly to the lab on the day of blood draw.

6. Samples should be sent to the West Midlands Regional Genetics laboratory on day of blood draw. All samples should be accompanied by a completed referral form clearly requesting NIPT with a completed Lucina NIPT sticker showing gestational age affixed and a signed patient consent form.

7. It is important that you email both RGLPrenatal@bwnft.nhs.uk (genetics lab at BWH) and Bwh-tr.clinchem@nhs.net (Screening lab at BWH) to alert us to any NIPT samples arriving in the transport with screening bloods. Doing this will reduce any delays in processing of your patient samples. Where possible, please avoid sending samples via this transport on Fridays.