

**Unit 2 KA4: Antenatal and Postnatal Screening**

Describe how a **Karyotype** is created from foetal cells

Describe some **Biochemical Tests** carried out during pregnancy

Describe the **patterns of inheritance** and give examples of **genotypes of sufferers/non sufferers/carriers** for each example

Describe the purpose of the two types of **Ultrasound**

Dating Scan  
Anomaly Scan

Describe the following method of **obtaining foetal cells**. Give one advantage and one disadvantage of each.

Amniocentesis  
Chorionic Villus Sampling

If a baby's **blood is high in phenylalanine** what **condition** would they have and how would the individual be **treated?**

Autosomal Recessive  
Autosomal Dominant  
Incomplete Dominant  
Sex Linked Recessive