



MEDICAL BIOCHEMISTRY

← Have you labelled the specimen correctly? →

Press firmly on each end to ensure a leakproof specimen carrier

→

Request card for combined screening for Down's, Edwards' and Patau's syndromes in singleton and twin pregnancies
Request card for quadruple screening in singleton pregnancies for Down's syndrome only

Patient's ID Number _____		Hospital and Lead Professional _____	
Patient NHS Number _____		LAB USE _____	
Surname _____			
Forename _____			
Address _____			
PostCode _____			
DoB / /			
Requester's Signature: _____		Print Name _____ Date / /	
SCAN MEASUREMENTS			
SINGLETON / TWIN 1 MEASUREMENTS		IF TWIN PREGNANCY Type: Monochorionic/Dichorionic/Unknown	
CRL _____ mm (45.0mm – 84.0mm)		TWIN 2 MEASUREMENTS	
NT _____ mm		CRL _____ mm (45.0mm – 84.0mm)	
_____ mm (88.0mm – 147.0mm)		NT _____ mm	
DATE OF SCAN / /		Sonographer Code _____	
MATERNAL WEIGHT _____ Kg (to 1 decimal place)			
Please circle <u>any</u> of the following that apply as they will need to be adjusted to provide an accurate result			
SMOKING YES NO		DIABETES INSULIN None Type 1 Type 2 YES YES NO	
MATERNAL ORIGIN – Maternal Parents or Grandparents		ASSISTED REPRODUCTION	
Black East Asian		IVF Own Egg IVF Donor Egg	
Indian/Pakistan/Bangladesh		Date egg harvested Age of egg donor at harvest	
		Transfer date Transfer date	
COLLECTION INFORMATION (Sample Type: Serum)			
Specimen by (Please print): _____			
Date of collection: / / Time: _____			

Patient ID
Clear identification of the woman is required to ensure results are attributed to the correct individual

Lead Professional/hospital
Clear details of where to send the report are required. For example please state if Royal Glam or Royal Gwent. RG is not sufficient.

DOB
Maternal date of birth forms the basis of the Down's syndrome, Edwards'/Patau's syndrome chance calculation

Scan measurements
It is important to accurately date the pregnancy because the biochemical markers vary with gestational age. Scan measurements should be supplied correct to 1 decimal place. CRL or HC give the most accurate estimate of gestation

Requester
Required to show consent has been obtained for Down's syndrome, Edwards'/Patau's syndrome screening

Sonographer code
Required by DQASS

Twin measurements
Measurements for both twins and chorionicity are needed for accurate chance calculation for Down's syndrome, Edwards'/ Patau's syndrome

Maternal weight
Maternal weight is proportional to blood volume. This has an effect on the concentration of biochemical markers. An accurate weight measurement (to the nearest kilogram) is needed to adjust for this

Smoking
There are differences in serum concentrations of some biochemical markers in smokers that affect the calculated chance. It is important to inform the laboratory so that an adjustment to the chance calculation can be made.

Please circle yes if:
The woman has smoked within 2 weeks of undergoing the combined or quad test.

Diabetes
History of maternal diabetes and insulin therapy needed for chance calculation of Down's syndrome, Edwards'/Patau's syndrome screening

Ethnic Origin
There are slight differences in the serum concentrations of some biochemical markers between ethnic groups. Where there is a known effect this will be taken into account in the chance calculation. These ethnic origins are the **only ones** that the laboratory needs to make a small adjustment for. Circle the ethnic origin. Do not write the ethnic origin on the card.

Date of collection
It is essential to date the sample because the biochemical markers vary with gestational age and for the laboratory to know the age of the sample.

Assisted reproduction
The age of the egg donor or the mother when the egg was harvested will be used in the Down's syndrome, Edwards'/Patau's syndrome chance calculation

N.B Users of Nicotine Replacement Therapy (NRT) and Vapers are classed as non-smokers.

- NRT-nicotine patches, gum and inhalers
- Vapers (e-cigarettes and e-liquids).

Countries of origin
East Asia-China, Hong Kong, Japan, Macau, Mongolia, North Korea, South Korea, Taiwan
Black-Black African or of Black African origin