

First Trimester Screening Report

Date of birth : 06 June 1995, Examination date: 23 December 2019

Maternal / Pregnancy Characteristics:

Racial origin: South Asian (Indian, Pakistani, Bangladeshi).

Parity: 1.

Maternal weight: 64.0 kg.

Smoking in this pregnancy: no; Diabetes Mellitus: no.

Method of conception: Spontaneous;

EDD: 01 July 2020

EDD by dates: 01 July 2020

First Trimester Ultrasound:

Visualisation: good.

Findings	Alive fetus
Fetal heart activity	visualised
Fetal heart rate	163 bpm
Crown-rump length (CRL)	52.7 mm
Nuchal translucency (NT)	1.1 mm

Maternal Serum Biochemistry:

Sample **63550000**, taken on: 20 December 2019, Equipment: Roche.

Free β -hCG	101.0 IU/l	equivalent to 2.464 MoM
PAPP-A	3.990 IU/l	equivalent to 1.682 MoM

Risks / Counselling:

Patient counselled and consent given.

Operator: Leah Blacker, FMF Id: 15495

Condition	Background risk	Adjusted risk
Trisomy 21	1: 958	1: 19169
Trisomy 18	1: 2213	<1: 20000
Trisomy 13	1: 6974	<1: 20000

The background risk for aneuploidies is based on maternal age (24 years). The adjusted risk is the risk at the time of screening, calculated on the basis of the background risk, ultrasound factors (fetal nuchal translucency thickness, fetal heart rate) and maternal serum biochemistry (PAPP-A, free beta-hCG).

All biochemical markers are corrected as necessary according to several maternal characteristics including racial origin, weight, height, smoking, method of conception and parity.

The estimated risk is calculated by the FMF-2012 software (version 2.8) and is based on findings from extensive research coordinated by the Fetal Medicine Foundation (UK Registered charity 1037116). The risk is only valid if the ultrasound scan was performed by a sonographer who has been accredited by the Fetal Medicine Foundation and has submitted results for regular audit (see www.fetalmedicine.com).

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