MANISHA YADAV	
Date of birth:	30 April 1990
Examination date:	07 June 2024

Address: Mumbai Hospital no.: 2400107072

Referring doctor: Dr Amit Ranadive
Address: Mumbai

Maternal characteristics and history

Ethnic origin: South Asian (Indian, Pakistani, Bangladeshi).
Parity: 1.
Maternal weight: 64.2 kg.
Smoking in this pregnancy: no; Diabetes Mellitus: no; PE in a previous pregnancy: no.
Conception: spontaneous;
last period: 04 March 2024 EDD by dates: 09 December 2024

First Trimester Ultrasound

Gestational age: **13 weeks + 5 days** from CRL EDD by scan: 08 December 2024

Crown-rump length (CRL)	78.5 mm
Nuchal translucency (NT)	1.80 mm

Chromosomal markers:

Nasal bone: present.

Maternal Serum Biochemistry

Sample **2400107072**, taken on: 07 June 2024, analysed on: 07 June 2024.

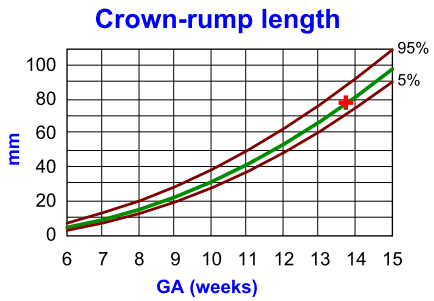
Free ß-hCG	19.06 IU/l	Roche	equivalent to	0.725 MoM
PAPP-A	3.271 IU/l	Roche	equivalent to	0.524 MoM

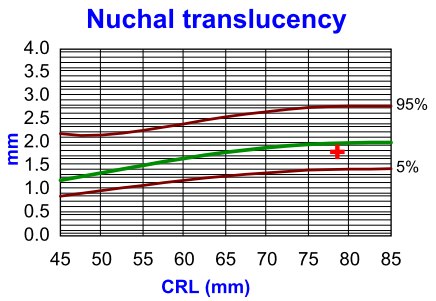
FMF Operator: DR MOHIT SHAH, FMF Id: 104106

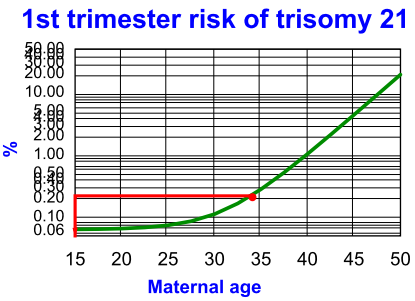
Condition	*Background risk*	*Adjusted risk*
Trisomy 21	1 in 464	1 in 7244
Trisomy 18	1 in 5480	<1 in 20000
Trisomy 13	1 in 12899	<1 in 20000

The background risk for aneuploidies is based on maternal age (34 years). The adjusted risk is the risk at term, calculated on the basis of the background risk, ultrasound factors (fetal nuchal translucency thickness, nasal bone) and maternal serum biochemistry (PAPP-A, free beta-hCG).
Biochemical marker medians used to calculate MoMs 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-2018 software (version 4.6) 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.org).



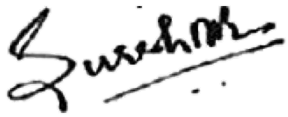




Comments

INTERPRETATION : The first trimester screening for the given sample is found **SCREEN NEGATIVE .**
Please Note: The above interpretation is based on a cut off of 1:250 for T21 , 1:100 for T13 & T18

Reviewed By



Dr. Suresh Bhanushali MD (Path)
Consultant Pathologist

Notes
1.Quality of the Down's syndrome screening program (Biochemical values, MoMs and Risk assessments) monitored by UKNEQAS on an ongoing basis.
2.This interpretation assumes that patient and specimen details are accurate and correct.
3.Lilac Insights does not bear responsibility for the NT & CRL measurements.
4.This is a risk estimation test and not a diagnostic test. An increased risk result does not mean that the fetus is affected and a low risk result does not mean that the fetus is unaffected.