Life Care
SCAN & RESEARCH CENTRE
DIAGNOSTIC CENTRE

A venture of MEGH GANGA Group

BHILAI
Shivnath Complex, Near SBI Bank, Supela, Bhilai 490023
Ph: 0788 4910002, 4910003, Mob: 9109176001

DURG
Om Parisar, Arya Nagar, Durg 491001
Ph: 0788 2355701, 4700074 M: 8349999518

www.lifecarescan.com
lsr@lifecarescan.com

PET CT, 3T MRI, 128 Cardiac CT Scan, 4D USG, DR X-ray, BMD, CBCT, Endoscopy, X-ray Mammography

24X7 SERVICES

TEST REPORT

880136

CLIENT ID	: **LIFECARE BHILAI**		
PT. NAME	: **MRS. MONIKA SAO GUPTA**	UHID NUM	: 2018457
PT. AGE/SEX	: 30 Y / Female	BILL NUM	: B190325/75
MOBILE NO.	: 7000150841	COLLECTION DATE	: 19/03/2025 02:28 PM
REF. BY.	: DR. MANISHA SAO	REPORTED DATE	: 19/03/2025 06:19 PM
SAMPLE TYPE	: SERUM		

DOUBLE MARKER

DESCRIPTION	RESULT	UNITS	BIOLOGICAL REF. RANGE
Free Beta HCG *(CLIA)*	20.4	ng/ml	1.0 - 200
MOM for Free Beta HCG *(Calculated)*	0.52		- - -
PAPP-A *(CLIA)*	5,368	mIU/L	25 - 24000
MOM for PAPP-A *(Calculated)*	2.28		- - -
FIRST TRIMESTER RISK ESTIMATE :- *(Calculated-PREACCU 1.19.11.0)*			-
Down syndrome Maternal Age Risk	1:885		- - -
Down syndrome (Trisomy 21)	1:53834	Risk cutoff	- - >1:150
NOTE:Risk for Trisomy 21 is below the cut off which represent a low risk.			
Down syndrome (Trisomy 18/13)	1:1647500	Risk cutoff	- - < 1:300
NOTE:Risk for Trisomy 18/13 is below the cut off which represent a low risk.			

*** INTERPRETATION :-**

Ø **Multiple of the Median (MoM): Analyte values are compared to median values at a given gestational age and multiple of the median (MoM) resul ts obtained. The MoM results are used in a multivariate algorithm that includes the mother's age to derive risk factors for Down syndrome and Trisomny 18. An interpretive report is provided.**

Ø Double marker screen or first-trimester screen is perfomed by measuring analytes in maternal serum that are produced by the fetus and the placenta. Additionally, the Nuchal transucency (NT) measurament is a sonographic marke shown to be effective in screenng fetuses for Down syndrome. A mathamatical model is used to calculate a risk estimate by combining the analyte values, NT measurement, and maternal demographic information.

Ø All serum marker multiple of medians are adjusted for maternal weight (to account for dilution effects in heavier mothers). The estimated risk calculations and screen results are dependent on accuate infomation for gestation, maternal age, and weight. Inaccurate infomnation can lead to significant alterations in the estimated risk

Ø **PAPP-A** : is highly expressed in first-trimester trophoblasts, participating in regulation of fetal growth. Levels in maternal serum increase throughout pregnancy. Low PAPP-A levels before the 14th week of gestation are associated with an increased risk for Down syndrome and Trisomy18.

Ø **Nuchal translucency (NT):-** Ø The NT measuermert, an utrasound marker, is obtained by measuring the fluid-filled space within the Nuchal region (back of the neck) of the fetus. While fetal NT measurements obtained by ultasonography increase in nomal pregnancies with advancing gestational age, Down syndrome fetuses have larger NT measurements than gestational age-matched nomal fetuses. Increased fetal NT measurements can therefore serve as an indicator of an increased risk for Down syndrome.

Ø **Note:-** Risk calculeted by PREACCU 1.19.11.0 software.

Consultant Pathologist	Consultant Pathologist	Lab Tech
DR. MANISH CHANDRA MISHRA	DR ABHISHEK KUMAR	
MD. (PATHO)	DCP(PATHO)	

Life Care
SCAN & RESEARCH CENTRE
DIAGNOSTIC CENTRE

A venture of MEGH GANGA Group

BHILAI
Shivnath Complex, Near SBI Bank, Supela, Bhilai 490023
Ph: 0788 4910002, 4910003, Mob: 9109176001

DURG
Om Parisar, Arya Nagar, Durg 491001
Ph: 0788 2355701, 4700074 M: 8349999518

www.lifecarescan.com
lsr@lifecarescan.com

PET CT, 3T MRI, 128 Cardiac CT Scan, 4D USG, DR X-ray, BMD, CBCT, Endoscopy, X-ray Mammography

24X7 SERVICES

TEST REPORT

CLIENT ID	: LIFECARE BHILAI		880136
PT. NAME	: MRS. MONIKA SAO GUPTA	UHID NUM	: 2018457
PT. AGE/SEX	: 30 Y / Female	BILL NUM	: B190325/75
MOBILE NO.	: 7000150841	COLLECTION DATE	: 19/03/2025 02:28 PM
REF. BY.	: DR. MANISHA SAO	REPORTED DATE	: 19/03/2025 06:19 PM
SAMPLE TYPE	: SERUM		

* PATIENT DEMOGRAPHICS:-

Weight	66 kg
date of birth	16.01.1995
H/O Diabetes	not provided
H/O IVF	not provided
Origin	Asian
date of scan	19.03.2025
No of fetus	single
MoM for NT	1.22 mm

* INTERPRETATION :-

- Ø The estimated risk calculations and screen results are dependent on accurate infomation for gestation, maternal age, and weight. Inaccrate infommation canlead to significant alterations in the estimatedrisk.
- Ø In twin pregnancies, the risk for Down syndrome is approxinmated, using twin-adjusted medians. A speciñc risk for lisomy 18 cannot be calculated; therefore, results for Trisomy 18 are reported as either screen-negative or screen-positive. Risks for triplets and higher multiples cannot be calculated.
- Ø Upon receiving maternal serum screening results, all infomation used in the risk calculation should be reviewed for accuracy (eg, maternal date of birth, demographics, sonographic infomation). If any infomation is incomect, the laboratory should be contacted for a recalculation of the estimatedrisks.

End of Report

Consultant Pathologist	Consultant Pathologist	Lab Tech
DR. MANISH CHANDRA MISHRA	DR ABHISHEK KUMAR	
MD. (PATHO)	DCP(PATHO)	

LIFE CARE DIAGNOSTIC CENTRE

Preaccu 1.19.11.0
Print date: 19-03-2025
Examiner:
Verifier:

Basic Information

Name:	Mrs.MONIKA SAO GUPTA	Sample NO.:	202503190001
Birthdate:	16-01-1995	Patient ID:	880136
Age at EDD:	30.72 Year	Sample Date:	19-03-2025
Telephone:	7000150841	Sample GA:	11+4

Correction Info

Twins:	No	Smoke:	No	Race:	Asian
Weight:	66.00 Kg	Diabetes:	No	Previous T21:	No
		IVF:	No	Nasal bone:	Exist

Risk Calculation

Item abbr	Result	MOM
free-ß-HCG	20.40 ng/ml	0.52
PAPP-A	5368.00 mIU/l	2.28
NT	1.60 mm	1.22

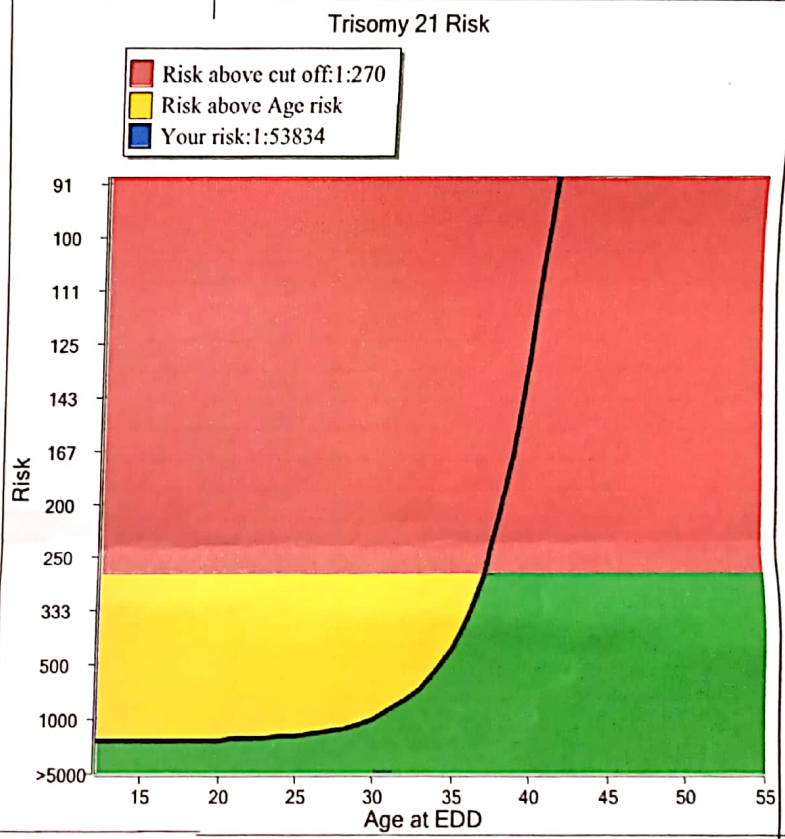
Ultrasound data

Scan GA:	11+4	
GA calc method:	CRL Robinson	
Scan Date:	19-03-2025	
CRL length:	48.20	mm
NT length:	1.60	mm
BPD :	–	mm

Test items

Age Risk	1:885
Trisomy 21	1:53834
Trisomy 18/13	1:1647500

Diagnostic results with less risk



Clinical advice

*The basic information on which the risk assessment of Down's syndrome is based in this report is provided when you visit the doctor. When you get this report, please first check whether your relevant information is correct. If there is any discrepancy, please contact your doctor in time, so as to feed back the correct information to us, correct the information, and obtain the correct report.
*Trisomy 21 or Trisomy 18/13 high risk and borderline risk require direct interventional prenatal diagnosis (through chorionic villi, amniotic fluid, umbilical cord blood and other fetal samples); for high risk of neural tube defect (NTD), please go to prenatal ultrasound diagnosis Qualified hospitals were excluded with ultrasound.

This report is only responsible for the tested samples, for reference by doctors, not as a diagnosis certificate Sign