Apollo TOUCHING LIVES

MC-2438

Apollo DIAGNOSTICS® Expertise. Empowering you.

Patient Name	: Mrs.ANKITA DUTTA	Collected	: 11/Oct/2025 01:19PM
Age/Gender	: 34 Y 0 M 0 D /F	Received	: 12/Oct/2025 12:08PM
UHID/MR No	: DNBR.0000069903	Reported	: 13/Oct/2025 06:27PM
Visit ID	: DNBROPV72226	Status	: Final Report
Ref Doctor	: DR GOPAL KALITA	Client Name	: PCC NALBARI ASSAM
IP/OP NO	:	Center location	: ,GUWAHATI

DEPARTMENT OF BIOCHEMISTRY.

MATERNAL SCREENING SECOND TRIMESTER- QUADRUPLE MARKER.

MATERNAL SCREENING SECOND TRIMESTER- QUADRUPLE MARKER , *SERUM*

***Method** - Time resolved Immunofluorometry on Auto Delfia * **Risk ratio** calculated using **LifeCycle 7.0**

MATERNAL DETAILS	RESULT	UNITS
NUMBER OF FETUSES	1	
WEIGHT	53	Kg
H/O SMOKING	NO	
ETHNIC ORIGIN	ASIAN	
AGE AT TERM	34/04	YEARS/MONTHS
INSULIN DEPENDENT DIABETES	NO	

USG DETAILS		
DATE OF ULTRASOUND	14/09/2025	
GESTATIONAL AGE ON USG	21/1	WEEKS/DAYS

BIOCHEMICAL RESULTS	RESULT	UNITS	CORR. MOM	METHOD
ALPHA FETOPROTEIN (AFP)	50.98	U/mL	0.78	Immunoflourometry
FREE BETA HCG	48.79	ng/mL	6.38	Immunoflourometry
UNCONJUGATED E3 (uE3)	12.59	nmol/L	1.41	Immunoflourometry
INHIBIN-A	473.79	pg/ml	1.34	Immunoflourometry

DISORDER	RISK RATIO	RISK CATEGORY	SCREEN RESULT
DOWN'S SYNDROME	1:42	INCREASED	SCREEN POSITIVE
EDWARD'S SYNDROME	1:19209	LOW	SCREEN NEGATIVE
PATAU'S SYNDROME	1:100000	LOW	SCREEN NEGATIVE
OPEN NEURAL TUBE/ABDOMINAL WALL DEFECT		LOW	SCREEN NEGATIVE

Comment: Increased risk for T21 has been noted. Advice: Genetic counselling and NIPT or invasive test for further management.

Interpretation:-

1. The risks are calculated based on ultrasound gestational age, biochemical results, NT measurement, patient

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Dr.Matta Sujana Reddy
M.B.B.S,M.D(Biochemistry)
Consultant Biochemist

SIN No:IF00759814

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

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demographics and other risk factors such as IDD.

2. Patient specific risks are generated as analytical MoM (Multiples of Median) values, using Fetal Medicine Foundation (FMF) approved assays and software LIFECYCLE version 7.0 from Perkin Elmer.

3. A screen positive result occurs when the risk for Down's syndrome- exceeds 1:250 and MOM pattern shows HCG- above 1.91, Inhibin A- above 2.0, uE3- below 0.61, AFP- below 0.71

4. A screen positive result occurs when risk for Trisomy 13/18- exceeds 1:100 and MOM pattern shows HCG- below 0.36, uE3- below 0.4, AFP- below 0.65

5. A screen positive result occurs when risk for Open Neural tube defect- AFP MOM exceeds 2.5

Limitations: -

1. The results of this test represent only risks and not diagnostic outcomes. Increased risk does not mean that the baby is affected, and further tests must be performed before a firm diagnosis can be made. A low risk does not exclude possibility of Down's syndrome or other abnormalities, as risk assessment does not detect all affected pregnancies.

2. If the history provided is not correct, it is advisable to ask for repeat risk calculations.

3. Isolated alterations in hormonal values can contribute to statistical risk calculation. Following Maternal factors (adversely affecting risk calculation are gestational hypertension, liver diseases, renal diseases, ovarian tumor, uterine fibroids) and/or Fetal & placental factors (adversely affecting risk calculation are congenital adrenal hyperplasia, IUGR, abdominal wall defects, smith levli opitz syndrome, fetal demise, placental anomalies, retroplacental hemorrhage). These should be considered during case specific interpretation accordingly.

Associated Tests: -

1. NIPT- Non-invasive Prenatal Screening test - from maternal blood for aneuploidy screening.

***** End Of Report *****

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Apollo Diagnostics, Hyderabad

PATIENT REPORT - Mrs.ANKITA DUTTA

13/10/2025

Requestor: -, DR GOPAL KALITA

REQUESTOR TYPE:	REQUESTOR:	DOCTOR:	FACILITY:
Hospital	-	DR GOPAL KALITA	-
REQUESTOR CODE:	REQUESTOR PHONE 1:		
DR GOPAL KALITA	-		

Patient DNBR.0000069903: -, Mrs.ANKITA DUTTA

PATIENT ID:	LAST NAME:	FIRST NAME:	BIRTH DATE:
DNBR.0000069903	-	Mrs.ANKITA DUTTA	27/09/1991
ETHNICITY:	ADDRESS 1:	CITY:	POSTAL CODE:
Asian	-	-	-

Pregnancy, Calculated EDD: 13/02/2026 (MAEDD: 34.38)

MAEDD:	CALCULATED EDD:	GEST. DATE:	SELECTED GEST. METHOD:
34.38	13/02/2026	09/05/2025	BPD
LMP DATE:	SMOKING STATUS:	INSULIN DEP. DIABETIC:	NO. OF FETUSES:
10/04/2025	Non smoker	No	1
MONOZYGOUS:	CHORIONICITY:	CORRECTED BY CHORIONICITY:	FERTILIZATION DATE:
No	-	-	-
ASSISTANCE METHOD:	TRANSFER DATE:	EGG EXTRACTION DATE:	EGG DONOR DOB:
-	-	-	-
AGE AT EXTRACTION:	PAST T21 - DOWN'S SYNDROME:	PAST T18 - EDWARDS' SYNDROME:	PAST T13 - PATAU'S SYNDROME:
-	-	-	-
PAST CDLS - CORNELIA DE LANGE SYNDROME:	PAST SLOS - SMITH-LEMLI-OPITZ SYNDROME:	PAST TR - TRIPLOIDY:	PAST TS - TURNER'S SYNDROME:
-	-	-	-
RISK ASSESSED:	SCREENING PROTOCOL:		
At term	Screening_4.0		

Biochemistry

SAMPLE ID:	SPECIMEN COLLECTED:	WEIGHT [KG]:	GEST. AT SAMPLE DATE (W + D):
IF00759814	07/10/2025	53	21 w 4 d
SAMPLE TYPE:			
-			

Ultrasound

SCAN DATE:	CRL:	BPD:	HC:
14/09/2025	-	50	-
GEST. AT SAMPLE DATE (W + D):	CRL (#2):	BPD (#2):	HC (#2):
21 w 1 d	-	-	-
GEST. AT MANUAL ENTRY (W + D):	SAMPLE TYPE:	WEIGHT [KG]:	
0 w 0 d	-	-	

Tests

TEST	SAMPLE ID	DATE	GEST. AT SAMPLE DATE (W + D)	VALUE	UNIT	CORR. MOM	WEIGHT [KG]
AFP (Signed)	IF00759814	07/10/2025	21 w 4 d	50.99	U/mL	0.78	53
hCGb (Signed)	IF00759814	07/10/2025	21 w 4 d	48.8	ng/mL	6.39	53
INHIBIN (Signed)	IF00759814	07/10/2025	21 w 4 d	473.8	pg/mL	1.35	53
UE3UPD (Signed)	IF00759814	07/10/2025	21 w 4 d	12.6	nmol/L	1.41	53

RISKS SIGNED BY:

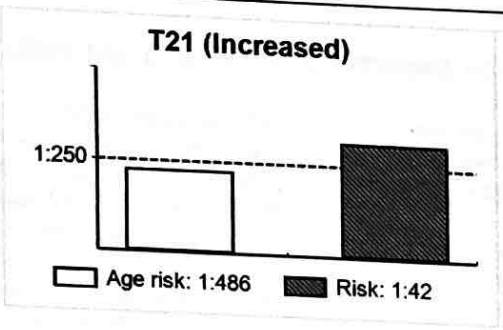
REPORT CREATED BY:
Shyamala

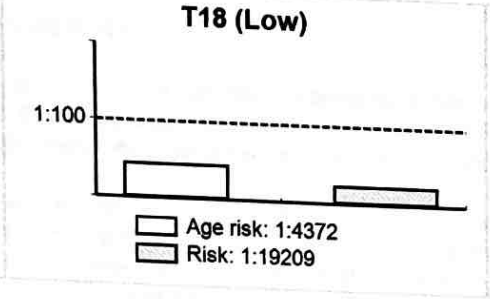
REPORT CREATED AT:
13/10/2025 10:52 AM

PATIENT REPORT - Mrs.ANKITA DUTTA

Risks, Risk assessed: At term — 13/10/2025

RISK NAME:	RISK RESULT:	RISK:	TWIN RISK RESULT:	TWIN RISK:	AGE RISK:	CUT-OFF:
T21 (Calculated)	**Increased**	**1:42**	-	-	**1:486**	**1:250**
RECOMMENDATION:	**To be correlated clinically.**					
RISK NAME:	**RISK RESULT:**	**RISK:**	**TWIN RISK RESULT:**	**TWIN RISK:**	**AGE RISK:**	**CUT-OFF:**
T18 (Calculated)	**Low**	**1:19209**	-	-	**1:4372**	**1:100**
RISK NAME:	**RISK RESULT:**	**RISK:**	**TWIN RISK RESULT:**	**TWIN RISK:**	**AGE RISK:**	**CUT-OFF:**
T13 (Calculated)	**Low**	**1:100000**	-	-	**1:13122**	**1:100**
RISK NAME:	**RISK RESULT:**	**RISK:**	**TWIN RISK RESULT:**	**TWIN RISK:**	**AGE RISK:**	**CUT-OFF:**
NTD (Calculated)	**Low**	-	-	-	-	**2.5**





PLEASE NOTE:

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Shyamala

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7. The reported results are restricted to the given specimen only. Results may vary from lab to lab and from time to time for the same parameter for the same patient (within subject biological variation).
8. The patient details along with their results in certain cases like notifiable diseases and as per local regulatory requirements will be communicated to the assigned regulatory bodies
9. The patient samples can be used as part of internal quality control, test verification, data analysis purposes within the testing scope of the laboratory.
10. This report is not valid for medico legal purposes. It is performed to facilitate medical diagnosis only

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