

Booking Date 11/01/2024	Patient ID 012401110144	Printed on 22/01/2024
Name Mavish	Age 24 Years	Sex F
Ref By Santosh Diagnostic Center		

**DIAGNOSIS: NIPT-Assurety**

**FETAL FRACTION: 6.71%**

## NIPT

### NIPT:

CHROMOSOMES TESTED	ANEUPLOIDY	Z SCORE	REFERENCE INTERVAL
Chromosome 21	Low Risk	-3.36	-6<Z score <2.8
Chromosome 18	Low Risk	0.23	-6<Z score <2.8
Chromosome 13	Low Risk	-0.84	-6<Z score <2.8
Sex chromosomal aneuploidies**	Low Risk	2.05	-3<Z score <3

\*These cut-offs are subjected to variation based on periodic statistical review of data.

\*\*As per PCPNDT act, in case an aneuploidy is detected, the type of aneuploidy will be indicated.

\*Sex chromosome complement cannot be revealed as per the PC&PNDT Act 2003.

### METHOD:

A simple maternal blood sample is taken from the pregnant mother from 10-week gestation with no risk to the fetus. Circulating cell-free placental DNA was purified from the plasma component of anti-coagulated 10mL of maternal whole blood. It was then converted into a genomic DNA library for Next Generation Sequencing and then determination of chromosomal aneuploidy.

### ANEUPLOIDY RESULT FOR OTHER CHROMOSOMES:

CHROMOSOMES TESTED	ANEUPLOIDY	Z SCORE
Chromosome 1	Low Risk	-2.54
Chromosome 2	Low Risk	-0.35
Chromosome 3	Low Risk	-1.61
Chromosome 4	Low Risk	-0.43
Chromosome 5	Low Risk	2.01
Chromosome 6	Low Risk	-2.31
Chromosome 7	Low Risk	-1.02
Chromosome 8	Low Risk	0.76
Chromosome 9	Low Risk	-0.39
Chromosome 10	Low Risk	-0.60
Chromosome 11	Low Risk	-0.88
Chromosome 12	Low Risk	-1.26
Chromosome 14	Low Risk	1.07
Chromosome 15	Low Risk	-1.04
Chromosome 16	Low Risk	1.30
Chromosome 17	Low Risk	0.08
Chromosome 19	Low Risk	1.62
Chromosome 20	Low Risk	-0.27
Chromosome 22	Low Risk	-0.16

# For test performed on specimens received or collected from non-MolQ locations, it is presumed that the specimen belongs to the patient named or identified as labeled on the container/test request and such verification has been carried out at the point generation of the said specimen by the sender.

MolQ will be responsible only for the analytical part of test carried out. All other responsibility will be of referring Laboratory.