



## Early detection leads to better and informed outcome.

There is no space of complacency when it comes to pregnancy. Dr Lal PathLabs presents **Maternal Blood for Fetal DNA (MBFD)**- simple and non-invasive test to detect fetal abnormalities from the mother's blood.

 **Dr Lal PathLabs**

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## Maternal Blood for Fetal DNA Test (MBFD)

### Trisomy Detection of 13, 18 & 21

A superior Trisomy test based on massively parallel genomic sequencing for the early detection of Fetal Trisomies of 21, 18 & 13 in a non-invasive and safe way. Fetal fraction is also provided as per guidelines.

### American College of Medical Genetics and Genomics (ACMG) Recommendations, 2016

- ACMG recommends that patients should be informed early in pregnancy about different testing options, including diagnostic and screening approaches. Clinical validation strongly suggested that NIPS (Non-invasive Prenatal Screening) can replace conventional screening for Patau, Edwards, and Down syndromes.
- Patients who prefer to avoid diagnostic testing but desire highly accurate screening for Patau, Edwards, and Down syndromes, NIPS may be preferred.
- NIPS can be performed at an earlier gestational age than Conventional Screening and there is no gestational age upper limit after 10 weeks of gestation. This means that patients can get the most accurate screening information at an earlier gestational age, thus enhancing informed decision making.

\*Non-invasive Prenatal Screening for fetal aneuploidy, 2016 update: a position statement of the American College of Medical Genetics and Genomics

### Test Details

#### Specimen:

10 mL Whole blood in a special tube available from LPL. Ship refrigerated. DO NOT FREEZE. Valid between 10-24 weeks of gestation. Give clinical history on MBFD request form available from LPL (Dr Lal PathLabs)

**Method:** DNA Sequencing

**Report:** Sample by Tuesday at 9 am; Report on next Tuesday

#### Advantages of the Test:

- Testing can commence as early as 10 weeks
- Based on DNA Sequencing Technology->99% Accuracy
- Faster TAT: Sample by Tuesday 9 am, Report on next Tuesday
- Lowest Failure Rate
- Informative results
- Available for more than one pregnancies



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\*Conditions apply

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\*Price, specimen details, method, reporting time may change,  
Please contact Customer Care before sending the samples, to avoid any inconvenience.