

Reporting facility address: Premaitha Limited trading as Premaitha Health Rutherford House Manchester Science Park Manchester M15 6SZ Email: results@premaitha.com	Referrer contact details: 123 Big Hill, BIRMINGHAM, BB0 2BB 1920
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PATIENT DETAILS:

Patient ID	Maternal Age (at test)
Patient Surname	Gestation Age (at test)
Patient Forename	Patient Date of Birth
Clinician Name	Date of Blood Draw
Hospital/Clinic Name	Pregnancy Status: Singleton/Twin
IVF Pregnancy	Donor Age (at egg harvest)

TEST RESULTS:

TRISOMY	BACKGROUND RISK	The IONA® test RISK SCORE	CLINICAL SUMMARY
TRISOMY 21 (Down's Syndrome)	1 : 10 ^{CT}	> 95%	HIGH RISK INVASIVE TEST RECOMMENDED
TRISOMY 18 (Edwards' Syndrome)	1 : 50000 ^{CT}	< 1 : 1,000,000 (<0.0001%)	LOW RISK
TRISOMY 13 (Patau's Syndrome)	1 : 50000 ^{CT}	< 1 : 1,000,000 (<0.0001%)	LOW RISK

Fetal Fraction	11%
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The IONA® test is indicated for screening NOT diagnosis — (results should be reviewed and discussed with your healthcare provider)

SUPPLEMENTARY INFORMATION:

- The detection rate of the IONA® test for trisomies 21, 18 and 13 is >99%.
- The IONA® test estimates the risk of trisomies by determining the relative amounts of chromosomes 13, 18 and 21 in placentally-derived cell-free DNA extracted from the mother's plasma. The adjusted risk accounts for the background risk of the mother at the time of sampling (default). Additionally, the test may use the results of the First Trimester Combined Test as the background risk. If this has been done, a superscript ^{CT} will appear by the background risk next to any, or all, of the trisomy results.
- The IONA® test is a screening test and a high risk result should be discussed with the healthcare professional and confirmed by an appropriate diagnostic test (e.g. amniocentesis).
- The maternal age-adjusted risk score is capped. The cap is derived from an estimate of the prevalence of biological factors such as placental mosaicism. The result caps are: T21 >95%, T18 >75% and T13 >60%. These are the maximum risk estimates displayed on the report.
- In dichorionic twins, scientific publications suggest that the detection rate is reduced from greater than 99% to about 95%.
- A result with an IONA® test risk score greater than or equal to 1:150 (~0.67%) is considered high risk.

Originating sample ID: **S00007299**
 Sequencing run and sample validity checks passed: **Yes**
 IONA® Software version: **TOA: 1.7.0.7833.746; DAA: 1.7.0.7833.572**

Sample notes (if entered):