the IONA test

Screening Test Report

Reporting facility address:	Referrer contact details:
Premaitha Limited trading as Premaitha Health Rutherford House Manchester Science Park Manchester M15 6SZ Email: results@premaitha.com	Premaitha

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**	

TEST RESULTS:

Unable to generate a result for this sample.

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: **S00003539**
Sequencing run and sample validity checks passed: **No**
IONA® Software version: **TOA**: 1.7.0.7833.746; **DAA**: 1.7.0.7833.572

Sample notes (if entered):