All Wales Molecular Genetics Laboratory

Non-invasive prenatal testing analysis

Report on :			
DoB :	Address :	Lab No :	
Sex :		NHS No :	
Sample type : Blood plasma		Hospital No :	
Date Rec'd :		Your ref :	
Date reported :		Alt Hosp No :	

Reason for Referral :

Quad screening risk of 1 in 2 to 1 in 150.

weeks gestation by scan.

Sample collection date:

Conclusion: NIPT failed to give a reportable result

Non-invasive prenatal testing (NIPT) has failed to give a reportable result.

Analysed by: Checked by:

Test details: Massively parallel shotgun sequencing of cell-free DNA extracted from maternal plasma, followed by assessment of the log likelihood ratio values for chromosome 13, 18 and 21 to determine fetal aneuploidy. Test performance data - Trisomy 21 sensitivity 100% (95% CI 47.8-100%), specificity 100% (95% CI 96.7-100%); Trisomy 18 sensitivity 100% (95% CI 63-100%), specificity 100% (95% CI 96.6-100%); Trisomy 13 sensitivity 100% (95% CI 29.2-100%), specificity 100% (95% CI 96.7-100%).
The accuracy of the result can be affected by gestation. A minimum gestation of 10 weeks for testing is required. This test has not yet been accredited by UKAS.

Copies to:

Results are dependent on samples being correctly labelled and family relationships as indicated.
Please note, any remaining DNA will be stored in the laboratory.

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