GOVERNMENT OF WESTERN AUSTRALIA

PathWest LABORATORY MEDICINE WA

Women and Newborn Health Service
King Edward Memorial Hospital

GENETIC SERVICES OF WESTERN AUSTRALIA

NAME:
DOB:
UMRN:

FETAL CHROMOSOMAL MICROARRAY INFORMATION

Why are you being offered this test?

Your doctor would like to exclude chromosomal changes in your baby.

What are chromosomes?

Our genes carry important information to make our bodies grow and function properly. This information is stored in the DNA. DNA is packaged on string-like structures called chromosomes. It is important that there is the correct amount of DNA information in each cell of our body, as having more or less DNA than usual can cause health concerns.

What is chromosome microarray testing?

The test checks for missing or extra whole chromosomes or small parts of chromosomes.

When should I expect my results?

Approximately two weeks if your pregnancy is ongoing, or 6 weeks if your pregnancy has not continued.

What cannot be detected?

Many genetic conditions are caused by changes to the DNA that are too small to be detected by this test.

What are the possible results?

NORMAL RESULT	ABNORMAL RESULT	UNCLEAR RESULT	UNEXPECTED RESULT
No change associated with a genetic condition is identified. This is the most common result. **Please note:** This does not exclude the small possibility of an undetected genetic condition.	A definite change is identified that is associated with a genetic condition. **Please note:** Some changes may be associated with diseases in later life or susceptibility to disorders that may have issues for family members.	A change is identified but its consequence is uncertain. Further testing of family members may clarify the result. Future knowledge may also improve and provide better understanding of such result.	This result may not be relevant to your baby but may cause health problems in other family carriers in the future. **Please note:** Non-paternity or parental relatedness may also be detected by this test.

What happens to the samples and the results?

DNA samples are stored long-term. They may be used in the future if additional testing is required. De-identified samples may be used for ethically approved research, quality improvement, or education.

Results are reported to the doctor ordering the test or to an approved recipient. They are also stored according to government regulations. De-identified results may be submitted to secure international clinical databases helping in continuous improvement of result interpretation.

CONSENT

- I understand this test may detect a genetic abnormality that could provide important medical information for my baby or indirectly, for my family.
- I understand that a normal result does not rule out a genetic abnormality being present but not detected.
- I understand that testing of other family members may be requested to help clarify findings.
- I can advise at any point to stop testing if I have concerns about the information which can be revealed.
- I can advise at any point to destroy my/my baby's sample(s) stored, or to refuse to allow my/my baby's de-identified sample(s) being used for ethically approved research, quality improvement, or education.
- I have been provided a copy of this information sheet.

Please contact your doctor if you wish to advise on any of the points above.

Full Name (Mother) _____

Date ____ / ____ / ____ Signature _____