

# AMNIOTIC FLUID

## Orderable - CGen Pntl QFPCR (MD QFPCR) Microarray (MD Microarray)

Turnaround Time: QF-PCR - 3 Days

Microarray or Chromosome Analysis - 2-3 weeks

### Alternate Name(s):

Chromosome Analysis  
QF-PCR  
Microarray

### Specimen:

20 mL of amniotic fluid for QF-PCR, Microarray (if required) and back up culture (additional sample if external testing required)

3 mL EDTA Maternal Blood Sample

### Collection Information:

Patients should be referred to the Genetics Clinic at LHSC, VH (ext. 58140)  
Amniotic fluid should be collected in two sterile tubes and shipped STAT to the laboratory.

***Do not refrigerate, freeze or expose to heat.***

### Reference Ranges:

See report

### Interpretive Comments:

Prenatal diagnostic test performed at approximately 16-18 weeks gestation.

### Special Processing:

Must prearrange with Cytogenetics Lab.



**Laboratory:**  
Cytogenetics Lab



**Requisition:**  
[CYTOGENETICS  
REQUISITION](#) and

[PRENATAL MICROARRAY  
REQUISITION](#)



**Method of Analysis:**

- QF-PCR (Rapid Aneuploidy Detection)
- Cell culture
- Chromosome Karyotyping (depending on QFPCR results)
- Prenatal Microarray (depending on clinical)



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indications)

- Fluorescence in situ hybridization (FISH) (depending on microarray results)



**Test Schedule:**  
As required

## Comments:

The Cytogenetics Lab is staffed from 0700-1700 (Monday-Friday), Ext. 78974 (office), or 75714 (lab).

For additional information please refer to the [Cytogenetics Webpage](#).

## Critical Information Required:

Specimen should be taken with enough time to ensure receipt in the laboratory by 1500 hours

## Storage and Shipment:

If unable to transport immediately, store at room temperature (15-25°C) and transport within 24 hours.