

Invitae pregnancy loss chromosomal microarray analysis: How to order



1. Place an order

Complete the pregnancy loss analysis order form, available at www.invitae.com/forms.



2. Collect a sample (see back page for details)

Sample type	Requirements	Storage
Fresh tissue in products of conception (POC) transport media	15–20 mg fetal or placental tissue placed in transport media in a 50 mL specimen jar	Store fresh tissue sample in a clinical refrigerator (39°F/4°C)
Formalin-fixed, paraffin-embedded (FFPE) tissue block or unstained slides	1 FFPE block with >1 cm ³ of fetal tissue or 10 unstained slides with 7 micron-thick sections plus one H&E stained slide	Store FFPE blocks at room temperature (45–75°F/18–24°C)

Note: Do not freeze samples. Keep out of direct sunlight.



3. Ship the sample

- Label each tube with the patient's name, date of birth (DD/MM/YYYY), and date of collection. Specify gender of the fetus, if known.
- Place fresh POC tissue into the provided tube containing transport media. Cap tightly to prevent leakage.
- Place tube and any other samples (FFPE blocks, slides, maternal blood sample, or extracted DNA) in the biohazard bag and seal the bag.
- Place the completed order form and sealed biohazard bag into the transport kit. When sending fresh POC tissue in the container with transport media, please add a cold pack.
- Insert the transport kit into the FedEx Clinical Pak and firmly seal it.



4. Receive results

Receive your results in 10–12 days on average.



5. Make a plan

Our genetic counselors are available to discuss test results with you, so you can easily advise your patients and provide them with answers that help them move toward finding closure with their pregnancy loss.

**For more information, please contact your local Invitae representative
or Client Services at www.invitae.com/contact.**

Pregnancy loss analysis specimen guide

Fresh tissue sorting guidelines	
	Specimen collection
First trimester losses (No visible fetal parts)	15–20 mg of chorionic villi (1.0 cm ³ , about the size of a small marble) from the placenta
Later losses (IUID and stillbirth; visible fetal parts)	15–20 mg or ~1.0 cm ³ of fetal tissue* (about the size of a small marble) If fetal sample is unavailable, 1–2 cm of the umbilical cord near the site of insertion is acceptable.

*Fetal samples should be placed in RPMI supplemented with antibiotics. Do not store samples in formalin-based solutions.

Fresh POC tissue sizing guide

Sample size for **cleaned villi** or fetal tissue:

Size of small marble
1.0 cm³/1.0 cc



Sample size for **uncleaned villi** or fetal tissue:

Size of large marble
1.5 cm³/1.5 cc



FFPE blocks: Solid tissue or unstained slides guidelines	
	Specimen collection
Formalin-fixed paraffin-embedded (FFPE) tissue block	1 FFPE block with >1 cm ³ of fetal tissue Store FFPE blocks at room temperature (45–75°F/18–24°C).
Unstained slides	10 unstained slides with 7 micron-thick sections plus one H&E stained slide

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