

Postnatal (Constitutional) Specimen Requirements

Peripheral Blood

2 – 3 ml Chromosome analysis, 5-cell chromosome analysis, and FISH

- Collect in 4 ml **sodium heparin** (green top) tube and store at room temperature.
- Label tube with patient's name and second identifier (e.g. DOB).

2 ml Chromosomal microarray (CMA) or targeted CMA (follow-up familial/parental CMA)

- Collect in 4 ml **EDTA** (purple/lavender top) tube and store at room temperature.
- Label tube with patient's name and second identifier (e.g. DOB).

For combined chromosome analysis AND chromosomal microarray (CMA),
IF total volume available is <4 ml: collect **2 ml** in **sodium heparin** (green top) tube;
IF total volume available is <2 ml: call laboratory to discuss testing options.

Buccal/ Mouth Swab

Call lab to request buccal collection kit(s) CMA and targeted CMA

- Collection instructions are included in each kit. Store sample at room temperature.
- Label tube with patient's name and second patient identifier (e.g. DOB).

Skin Biopsy

3 - 4 mm³

- Collect desired tissue using aseptic technique.
- Place in sterile, screw-top tube/container filled with sterile transport media or sterile saline solution. Transport media is available (upon request).
- Label container with patient's name, a second patient identifier, and the type of tissue obtained.
- Store at room temperature; or refrigerate at 4° if overnight.

It is our laboratory's policy that we only accept DNA that has been isolated in a CLIA-certified laboratory or a laboratory meeting equivalent requirements as determined by the College of American Pathologists (CAP) and/or the Centers for Medicare and Medicaid Services (CMS)
Should you have any questions, please call us at 303-724-5701

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