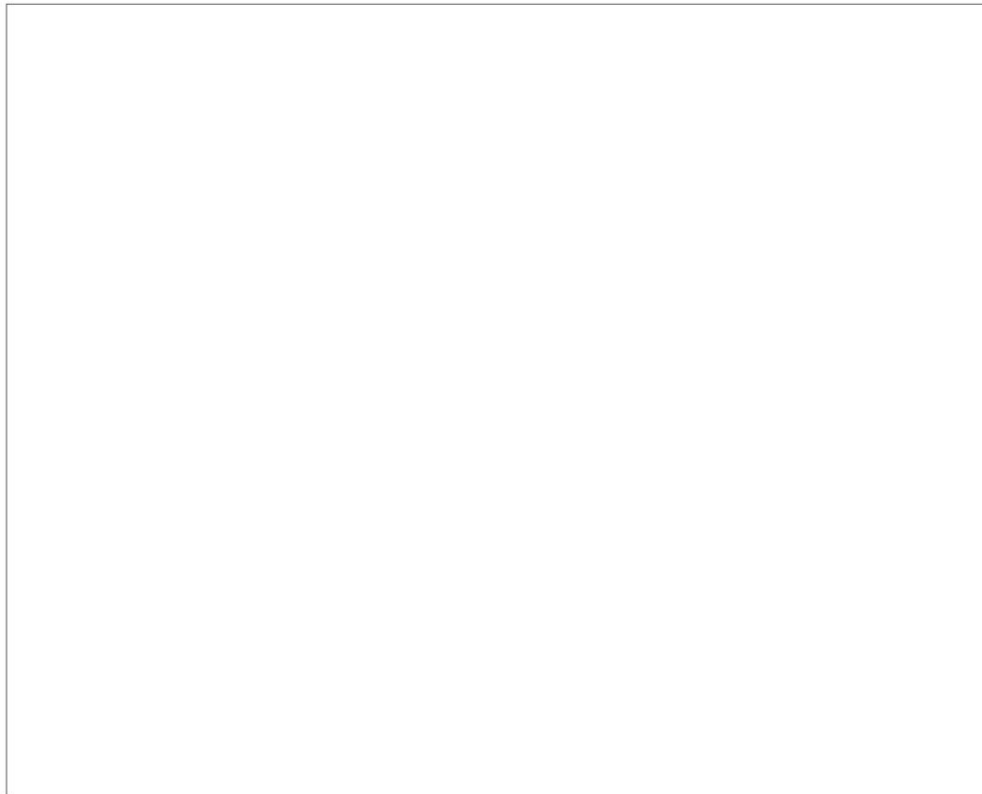




## Family Pedigree



### LEGEND



### Instructions for Submitting Specimens for Cytogenetic Testing

Each specimen must be accompanied with a complete REQUEST FORM that provides:

- ❖ The patient full name, medical record number, date of birth and gender (If forename has not been established for a new-born baby, requisition form must contain surname).
- ❖ Specimen type, time/date of specimen collection and test desired.
- ❖ Clinical indications, history and therapy (for oncology).
- ❖ Referring physicians name and contact number.
- ❖ Three generations pedigree should be provided for all patients.
- ❖ Specimen must contain full name and medical record number.
- ❖ Specimens will be rejected if clotted, haemolysed, low in volume, labelled improperly, wrong container and improperly stored or transported.
- ❖ All specimen for cytogenetic must be delivered as soon as possible. Prior to and during dispatch specimen must be kept at room temperature and must never be frozen. Gently tubes invert tubes several times to avoid clotting of blood and marrow specimen.

#### Hours of Operation:

Saturday-Thursday, 8:00am-8:00 pm

#### Late hour and weekend delivery:

Please email/ contact Lab Manager / Lab Director

#### Specimen Requirements for CYTOGENETICS (Karyotyping/FISH)

- ❖ Amniotic fluid: 30 ml directly in 3 different 15 ml conical sterile plastic tube.
- ❖ Blood (Children and Adults): 3-5 ml in Sodium Heparin tube.
- ❖ Bone marrow: 2 ml in sodium Heparin tube. (It is important that a first draw, spicule-rich specimen to be collected)
- ❖ Chorionic villus sample (CVS): Collect 5–25 mg in 15 ml in sterile conical tube filled with transport medium.
- ❖ Cord blood: 2ml (minimum) in Sodium Heparin tube.
- ❖ Lymph Node: 2–3 mm thick center slice or wedge of lymph node or other Lymphomatous tissue in sterile container containing sterile tissue culture media
- ❖ Product of conception (POC): Collect specimen into sterile plastic container filled with transport medium or sterile saline.
- ❖ Solid tumor: Collect viable and non-necrotic tissue measuring 0.5 cm or 1-5 g in transport medium
- ❖ Unstimulated peripheral blood (Leukemic blood): 3-5 ml in Sodium Heparin tube.

#### Specimen Requirements for Array CGH Analysis:

- ❖ Blood (Children and Adults): 3-5ml in EDTA tube.

*For packaging and shipping instructions, kindly refer to*

*[www.royakau.com](http://www.royakau.com)*