Test Definition: SRYF
SRY, Yp11.3, FISH

Reporting Title: SRY, Yp11.3, FISH
Performing Location: Rochester

Additional Testing Requirements:
This test must be ordered in conjunction with conventional chromosome studies (CHRCB / Chromosome Analysis, Congenital Disorders, Blood).

Shipping Instructions:
Advise Express Mail or equivalent if not on courier service.

Necessary Information:
Provide a reason for referral with each specimen. The laboratory will not reject testing if this information is not provided, but appropriate testing and interpretation may be compromised or delayed.

Specimen Requirements:
Submit only 1 of the following specimens:

Supplies: Refrigerate/Ambient Shipping Box, 5 lb (T329)
Specimen Type: Amniotic fluid
Container/Tube: Amniotic fluid container
Specimen Volume: 20-25 mL

Collection Instructions:
1. Optimal timing for specimen collection is during 14 to 18 weeks of gestation, but specimens collected at other weeks of gestation are also accepted. Provide gestational age at the time of amniocentesis.
2. Discard the first 2 mL of amniotic fluid.
3. Place the tubes in a Styrofoam container (T329).
4. Fill remaining space with packing material.

Additional Information:
1. Unavoidably, about 1% to 2% of mailed-in specimens are not viable.
2. Bloody specimens are undesirable.
3. If the specimen does not grow in culture, you will be notified within 7 days of receipt.
4. Results will be reported and also telephoned or faxed, if requested.

Supplies: Hank's Solution (T132)
Specimen Type: Autopsy
Container/Tube: Sterile container with sterile Hank's balanced salt solution (T132), Ringer's solution, or normal saline
Specimen Volume: 4 mm diameter

Collection Instructions:
1. Wash biopsy site with an antiseptic soap.
2. Thoroughly rinse area with sterile water.
3. Do not use alcohol or iodine preparations.
4. Biopsy specimens are best taken by punch biopsy to include full thickness of dermis.

Specimen Type: Blood
Container/Tube: Green top (sodium heparin)
Specimen Volume: 5 mL

Collection Instructions:
1. Invert several times to mix blood.
2. Other anticoagulants are not recommended and are harmful to the viability of the cells.
Supplies: CVS Media (RPMI) and Small Dish (T095)

**Specimen Type:** Chorionic villus

**Container/Tube:** 15-mL tube containing 15 mL of transport media

**Specimen Volume:** 20-25 mg

**Collection Instructions:**
1. Collect specimen by the transabdominal or transcervical method.
2. Transfer chorionic villi to a Petri dish containing transport medium (T095).
3. Using a stereomicroscope and sterile forceps, assess the quality and quantity of the villi and remove any blood clots and maternal decidua.

**Specimen Type:** Fixed cell pellet

**Container/Tube:** Sterile container with a 3:1 fixative (methanol:glacial acetic acid)

**Specimen Volume:** Entire specimen

**Supplies:** Hank's Solution (T132)

**Specimen Type:** Products of conception or stillbirth

**Container/Tube:** Sterile container with sterile Hank's balanced salt solution (T132), Ringer's solution, or normal saline

**Specimen Volume:** 1 cm(3) of placenta (including 20-mg of chorionic villi) **and** a 1-cm(3) biopsy specimen of muscle/fascia from the thigh

**Collection Instructions:** If a fetus cannot be specifically identified, collect villus material or tissue that appears to be of fetal origin.

**Additional Information:** Do not send entire fetus.

**Supplies:** Hank's Solution (T132)

**Specimen Type:** Skin biopsy

**Container/Tube:** Sterile container with sterile Hank's balanced salt solution (T132), Ringer's solution, or normal saline

**Specimen Volume:** 4 mm diameter

**Collection Instructions:**
1. Wash biopsy site with an antiseptic soap.
2. Thoroughly rinse area with sterile water.
3. Do not use alcohol or iodine preparations.
4. A local anesthetic may be used.
5. Biopsy specimens are best taken by punch biopsy to include full thickness of dermis.

**Forms:**
1. **New York Clients-Informed consent is required.** Document on the request form or electronic order that a copy is on file. The following documents are available in Special Instructions:
   - Informed Consent for Genetic Testing (T576)
   - Informed Consent for Genetic Testing-Spanish (T826)

2. **Final Disposition of Fetal/Stillborn Remains** (if fetal specimen is sent) in Special Instructions.

<table>
<thead>
<tr>
<th>Specimen Type</th>
<th>Temperature</th>
<th>Time</th>
<th>Special Container</th>
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<td>Varies</td>
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**Ask at Order Entry (AOE) Questions:**

<table>
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<tr>
<th>Test ID</th>
<th>Question ID</th>
<th>Description</th>
<th>Type</th>
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<tbody>
<tr>
<td>SRYF</td>
<td>CG717</td>
<td>Reason for Referral</td>
<td>Plain Text</td>
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</table>
**Test Definition: SRYF**

**SRY, Yp11.3, FISH**

### Supplemental Report:
No

### CPT Code Information:
- 88271x2-DNA probe, each; interpretation and report
- 88271x2-DNA probe, each; each additional probe set (if appropriate)
- 88271x1-DNA probe, each; coverage for sets containing 3 probes (if appropriate)
- 88271x2-DNA probe, each; coverage for sets containing 4 probes (if appropriate)
- 88271x3-DNA probe, each; coverage for sets containing 5 probes (if appropriate)
- 88273 w/modifier 52-Chromosomal in situ hybridization, less than 10 cells (if appropriate)
- 88273-Chromosomal in situ hybridization, 10-30 cells (if appropriate)
- 88274 w/modifier 52-Interphase in situ hybridization, <25 cells, each probe set (if appropriate)
- 88274-Interphase in situ hybridization, 25 to 99 cells, each probe set (if appropriate)
- 88275-Interphase in situ hybridization, 100 to 300 cells, each probe set (if appropriate)

### Reflex Tests:

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### Result Codes for Reflex Tests:

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### Reference Values:

An interpretive report will be provided.