Lab Dept: Anatomic Pathology

Test Name: RUSSELL SILVER SYNDROME: H19 METHYLATION AND UPD7

General Information

Lab Order Codes: RSSP

Synonyms: N/A

CPT Codes: 81401 – Molecular Pathology, Level 2
           81402 – Molecular Pathology, Level 3

Test Includes: Testing for H19 Methylation and UPD7

Logistics

Test Indications: This test is indicated for individuals with a clinical diagnosis of RSS; Individuals with limb asymmetry combined with prenatal and postnatal growth delay.

Lab Testing Section: Anatomic Pathology - Sendouts

Referred to: EGL Genetics (EGL Test: NZ)

Phone Numbers: MIN Lab: 612-813-6280
                STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 3 weeks

Special Instructions: A complete EGL Comprehensive Molecular Test Requisition form: http://www.egl-eurofins.com/testing/requisition-forms/index.html
                    (check Russell Silver Panel: H19 Methylation & UPD7 test in the Growth Disorders section)

Specimen

Specimen Type: Whole blood

Container: Lavender top (EDTA) tube
           Alternate: Yellow top (ACD) tube
**Draw Volume:**
- Children <2 yrs of age): 2 – 3 mL blood
- Children (>2 years): 3 - 5 mL blood
- Older children & adults: 5 – 10 mL blood

**Processed Volume:**
Same as Draw Volume

**Collection:**
Routine blood collection

**Special Processing:**
Lab Staff: Do Not Centrifuge. Specimen should remain in the original collection container. Store refrigerated until shipment. Ship overnight at room temperature to Emory Genetics Laboratory. Forward promptly.

**Patient Preparation:**
None

**Sample Rejection:**
Mislabeled or unlabeled specimens.

**Interpretive**

**Reference Range:**
Interpretive report

**Methodology:**
Methylation-specific MLPA (MS-MLPA)

**References:**
[Emory Genetics Laboratory](https://www.emorygeneticslab.com) January 2018
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