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**Lab Dept:** Anatomic Pathology

**Test Name:** RUSSELL SILVER SYNDROME: H19  
METHYLATION AND UPD7

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***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

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***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)

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***Specimen***

**Specimen Type:** Whole blood

**Container:** Lavender top (EDTA) tube  
Alternate: Yellow top (ACD) tube

<b>Draw Volume:</b>	Children <2 yrs of age): 2 – 3 mL blood Children (>2 years): 3 - 5 mL blood Older children & adults: 5 – 10 mL blood
<b>Processed Volume:</b>	Same as Draw Volume
<b>Collection:</b>	Routine blood collection
<b>Special Processing:</b>	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.
<b>Patient Preparation:</b>	None
<b>Sample Rejection:</b>	Mislabeled or unlabeled specimens.

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### ***Interpretive***

<b>Reference Range:</b>	Interpretive report
<b>Methodology:</b>	Methylation-specific MLPA (MS-MLPA)
<b>References:</b>	<a href="#">Emory Genetics Laboratory</a> January 2018 (470) 378-2200 Fax: (470) 378-2250