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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

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|-----------------------------|--|
| <b>Draw Volume:</b>         | Children <2 yrs of age): 2 – 3 mL blood<br>Children (>2 years): 3 - 5 mL blood<br>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***

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|-------------------------|--|
| <b>Reference Range:</b> | Interpretive report  |
| <b>Methodology:</b>     | Methylation-specific MLPA (MS-MLPA)  |
| <b>References:</b>      | <a href="#">Emory Genetics Laboratory</a> October 2020<br>(470) 378-2200 Fax: (470) 378-2250 |
| <b>Updates:</b>         | 10/22/2020: Collect tube update.   |