

---

**Lab Dept:**                   **Anatomic Pathology**

**Test Name:**               **ANGELMAN MICRODELETION FISH (15Q11-13)**

---

***General Information***

**Lab Order Codes:**        ANSY

**Synonyms:**                N/A

**CPT Codes:**              88271 x2 – Molecular cytogenetics; DNA probe, each  
88273 – Chromosome in situ hybridization, analyze 10-30 cells  
88275 – Interphase in situ hybridization, analyze 100 – 300 cells

**Test Includes:**            Angelman and Prader Willi are both at 15q11-13. Please indicate if both should be tested, or if Angelman only is desired.

---

***Logistics***

**Test Indications:**        N/A

**Lab Testing Sections:**    Anatomic Pathology - Sendouts

**Referred to:**             Abbott Northwestern Hospital Laboratory – Cytogenetics (Ultra Panel Code: ANG)

**Phone Numbers:**         MIN Lab: 612-813-6280

STP Lab: 651-220-6550

**Test Availability:**        Daily until 7:00 pm

**Turnaround Time:**        14 days

**Special Instructions:**    Request form must include date and time of specimen collection, attending physician, diagnosis (or reason for referral), clinical status, information regarding medication or transfusions, and specimen type. Angelman and Prader Willi are both at 15q11-13.

---

***Specimen***

**Specimen Type:**            Whole blood

**Container:**                Green top (Na heparin) tube

**Draw Volume:**             5 mL (Minimum: 1 mL)

<b>Processed Volume:</b>	Same as Draw Volume
<b>Collection:</b>	Routine blood collection
<b>Special Processing:</b>	Lab Staff: Do Not centrifuge specimen. Store and send at room temperature in original collection container. Use ANW request form B. Call (612-863-4541) prior to sending specimen. Send to MOB 402 (Allina Cytogenetics).  Note: Order both probes if Angelman and Prader are ordered. If the care provider orders FISH: 15q11-13, call and clarify the order since 4 microdeletions are located in this area.
<b>Patient Preparation:</b>	None
<b>Sample Rejection:</b>	Frozen or refrigerated samples; mislabeled or unlabeled specimens

---

### ***Interpretive***

<b>Reference Range:</b>	Interpretive report
<b>Critical Values:</b>	N/A
<b>Methodology:</b>	Determined by Laboratory Director based on clinical information.
<b>References:</b>	Abbott Northwestern Cytogenetics Lab (July 2018)