

**Y Chromosome Microdeletion**

Order Name: **Chromosome Y**  
Test Number: **5613557**  
Revision Date: **07/06/2023**

| TEST NAME                  | METHODOLOGY                      | LOINC CODE |
|----------------------------|----------------------------------|------------|
| Y Chromosome Microdeletion | <u>Polymerase Chain Reaction</u> | 35456-3    |

| SPECIMEN REQUIREMENTS |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |                     |                       |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------|-----------------------|
| Specimen              | Specimen Volume (min)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Specimen Type | Specimen Container  | Transport Environment |
| Preferred             | 5 mL (2 mL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Whole Blood   | EDTA (Lavender Top) | Room Temperature      |
| Instructions          | <p><b>Specimen Type:</b> Whole blood or PurFlock buccal swab kit or saliva collected in an Oragene Dx 500 saliva collection kit</p> <p><b>Volume:</b> 5 mL whole blood or PurFlock buccal swab kit or 2.0 mL saliva</p> <p><b>Minimum Volume:</b> 2 mL whole blood or PurFlock buccal swab kit or 0.5 mL saliva</p> <p><b>Container:</b> Lavender-top (EDTA) tube or PurFlock buccal swab kit or Oragene Dx 500 saliva collection kit</p> <p><b>Specimen Storage:</b> Maintain specimen at room temperature or refrigerate at 4°C. . DO NOT FREEZE.</p> <p><b>Special Instructions:</b> The patient's name, age, and relevant clinical history should be included on the test request form.</p> <p><b>Stability:</b></p> <p><b>Room temperature</b> - Whole blood: 14 days; buccal: 60 days; saliva: 60 days</p> <p><b>Refrigerated</b> - 60 days</p> |               |                     |                       |

| GENERAL INFORMATION |                                                                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Expected TAT        | 7-14 days                                                                                                                                                                   |
| Clinical Use        | Aids in determining the cause of azoospermia or oligospermia and helps predict effectiveness of assisted reproductive technologies in men with Y chromosome microdeletions. |
| Notes               | Labcorp Test Code: 512116                                                                                                                                                   |
| CPT Code(s)         | 81479                                                                                                                                                                       |
| Service Provided By |  <b>labcorp</b><br>Oklahoma, Inc.                                                        |