

Familial Arrhythmia Panel

Order Name: **Fam Arrhythmia**

Test Number: 5194954

Revision Date: 03/21/2023

| TEST NAME                 | METHODOLOGY               | LOINC CODE |
|---------------------------|---------------------------|------------|
| Familial Arrhythmia Panel | Polymerase Chain Reaction |            |

| SPECIMEN REQUIREMENTS |  |               |                                  |                       |
|-----------------------|--|---------------|----------------------------------|-----------------------|
| Specimen              | Specimen Volume (min)  | Specimen Type | Specimen Container               | Transport Environment |
| Preferred             | 8.5 mL (3 mL)  | Whole Blood   | ACD Solution A or B (Yellow Top) | Room Temperature      |
| Alternate 1           | 8.5 mL (3 mL)  | Whole Blood   | EDTA (Lavender Top)              | Room Temperature      |
| Alternate 2           | 1  | Saliva        | Oragene Dx saliva kit            | Room Temperature      |
| Alternate 3           | 1  | Buccal swab   | PurFlock buccal swab kit         | Room Temperature      |
| Instructions          | <p><b>Specimen Type:</b> Whole blood or PurFlock buccal swab kit or Oragene Dx saliva kit</p> <p><b>Specimen Volume:</b> 8.5 mL whole blood or PurFlock buccal swab kit or Oragene Dx saliva kit</p> <p><b>Mininum Volume:</b> 3 mL whole blood or PurFlock buccal swab kit or Oragene Dx saliva kit</p> <p><b>Collection:</b> Standard phlebotomy. Follow PurFlock buccal swab kit or Oragene Dx 500 saliva kit collection instructions. Do not eat, drink, smoke, or chew gum 30 min prior to collection.</p> <p><b>Specimen Storage:</b> Maintain specimen at room temperature or refrigerate at 4C Do not freeze.</p> <p><b>Special Instructions:</b> In cases in which there is a known variant documented in the family, the physician may prefer to order <b>Targeted Variant Analysis</b>, test code <b>5194970</b>. Test orders must include an attestation that the provider has the patient's informed consent for genetic testing.</p> |               |                                  |                       |

| GENERAL INFORMATION          |   |
|------------------------------|---|
| Expected TAT                 | 14 - 21 days In some cases, additional time may be required for confirmatory or reflex tests.   |
| Clinical Use                 | This test includes the following genes: AKAP9, ANK2, CACNA1C, CACNB2, CALM1, CALM2, CALM3, CASQ2, CAV3, CTNNA3, DES, DSC2, DSG2, DSP, FLNC, GJA5, GPD1L, HCN4, JUP, KCNA5, KCND2, KCND3, KCNE1, KCNE2, KCNE3, KCNE5, KCNH2, KCNJ2, KCNJ5, KCNJ8, KCNQ1, LIG3, NPPA, PKP2, PLN, PRKAG2, RANGRF, RYR2, SCN10A, SCN1B, SCN2B, SCN3B, SCN4B, SCN5A, SLMAP, SNTA1, TECRL, TGFB3, TMEM43, TRDN and TRPM4. |
| Performing Labcorp Test Code | 482225  |
| Notes                        | Labcorp Test Code: 482225   |
| Lab Section                  | Reference Lab   |