

Cytogenomic SNP Microarray

Order Name: **Cytogen SNP MA**
Test Number: 6906713
Revision Date: 06/28/2023

| TEST NAME | METHODOLOGY | LOINC CODE |
|----------------------------|--------------------------------------|------------|
| Cytogenomic SNP Microarray | Genomic Microarray (Oligo-SNP Array) | 62375-1 |

SPECIMEN REQUIREMENTS

| Specimen | Specimen Volume (min) | Specimen Type | Specimen Container | Transport Environment |
|-------------|-----------------------|---------------|-------------------------------------|-----------------------|
| Preferred | 5 mL (1 mL) | Whole Blood | Sodium Heparin (Green Top / No-Gel) | Room Temperature |
| Alternate 1 | swab | Buccal swab | Labcorp buccal swab kit | Room Temperature |
| Alternate 2 | 5 mL (1 mL) | Whole Blood | EDTA (Lavender Top) | Room Temperature |
| Alternate 3 | 5 mL (1 mL) | Whole Blood | ACD Solution A or B (Yellow Top) | Room Temperature |

Instructions

Notes: 2 mL (neonatal) (Note: This volume Does NOT allow for repeat testing.) OR two buccal swabs

Specimen type: Whole blood, DNA, OR Labcorp buccal swab kit (Buccal swab collection kit contains instructions for the use of a buccal swab.)

Specimen container: Green-top (heparin) tube (preferred), yellow-top (ACD) tube, OR lavender-top (EDTA) tube, DNA in 2ml tube, Labcorp Genetic buccal swab kit, OR Labcorp molecular buccal swab kit.

Specimen Storage: Maintain specimen at room temperature.

Specimen Collection: Not Available

Causes for reject: Quantity not sufficient for analysis; wet buccal swab; gel-separator tubes; microtainer tubes and fixed cell pellets; buccal kits with open envelopes; DNA tubes not extracted at CLIA certified lab.

Special Instructions: **Pertinent medical findings must accompany the test request form. Call 800-345-4363 to request forms, or photocopy the Clinical Questionnaire for SNP Microarray from the Genetics Appendix online. This test may also be performed on adults.**

When a child tested with this assay is found to have an abnormal array of unknown clinical significance that may be clarified through parental testing, there will be no charge associated with the follow-up parental testing that is based on the child's results. All other parental follow-up testing will be charged, including (but not limited to) autism susceptibility regions, known microdeletions/microduplications, autosomal recessive deletions /duplications, and large copy-number changes with likely pathogenic significance. The child's abnormal array results will indicate whether parental testing will be performed at no charge and will include the appropriate parental follow-up test number.

For parental follow-up testing for arrays not performed at LabCorp, call 800-345-4363 to speak to a genetic counselor. Contact your local LabCorp branch supply department to order buccal swab kits using PeopleSoft N° 3177.

[Chromosome Microarray: A New High-density Allele-specific Diagnostic Platform](#)

[SNP Microarray Pediatric Clinical Questionnaire](#)

[Reveal® SNP Microarray: Eligibility \(Preverification\) & Prior Authorization Request Form](#)

[Reveal® SNP Microarray: Pediatric](#)

[Reveal® SNP Microarray: Pediatrics](#)

[Reveal® SNP Microarray: Revealing Answers to Complex Questions](#)

GENERAL INFORMATION

| | |
|-------------------------------------|---|
| Expected TAT | 14 - 17 days |
| Clinical Use | Preferred first-tier test for developmental delay, multiple anomalies, and autism-spectrum disorders. Testing is performed on peripheral blood. |
| Performing Labcorp Test Code | 510002 |
| Notes | Click Here to see the Labcorp test directory |
| CPT Code(s) | 81229 |
| Lab Section | Reference Lab |