
Lab Dept: **Anatomic Pathology**

Test Name: **CGH WITH SNP**

General Information

Lab Order Codes: SNPA

Synonyms: CGH with Single Nucleotide Polymorphism Array

CPT Codes: 81229 – Cytogenomic constitutional (genome-wide) microarray analysis; interrogation of genomic regions for copy number and single nucleotide polymorphism (SNP) variants for chromosomal abnormalities

88230 – Tissue culture for non-neoplastic disorders; lymphocyte

Test Includes: An interpretive report of findings.

Logistics

Test Indications: For detection of small duplications and deletions in patients with normal G-banded karyotypes. For characterization of abnormalities detected by G-banding.

Lab Testing Sections: Anatomic Pathology – Sendouts

Referred to: Fairview University of Medical Center

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily

Turnaround Time: Results within 28 days

Special Instructions: N/A

Specimen

Specimen Type: Whole blood

Container: Green (NaHeparin; no gel) top tube AND Purple (EDTA) top tube
Note: Both tubes are required.

Alternate: Yellow (ACDA) can be used instead of the EDTA.

Draw Volume:	Optimal volume: 20 mL blood [10 mL blood in Green (NaHeparin) AND 10 mL blood in Purple (EDTA) Minimum volume: 10 mL blood [5 mL blood in Green (NaHeparin) AND 5 mL blood in Purple (EDTA) (Note: 1-3 mL in each tube will be accepted for infants and small children)
Processed Volume:	Same as Draw Volume
Collection:	Routine venipuncture
Special Processing:	Lab Staff: Do Not Centrifuge. Blood specimen should remain in the original collection container. Store and ship at ambient temperature. Avoid freezing.
Patient Preparation:	None
Sample Rejection:	Clotted or frozen specimen; mislabeled or unlabeled specimens; incorrect container type

Interpretive

Reference Range:	An interpretive report will be provided.
Critical Values:	N/A
Limitations:	Post-natal specimens only
Methodology:	Microarray
References:	Fairview University Medical Center Web Page (April 2018)
Updates:	7/21/2017: CPT update