Orderable – Use requisition to order

Turnaround Time: 4-6 weeks (excludes confirmation testing)

Alternate Name(s):
Micro array
aCGH
Array comparative genomic hybridization
Array CGH

Specimen:
- Peripheral Blood in EDTA: 3 mL minimum (1 mL minimum for newborns)
- Fibroblast Cell Culture: 2 x T25 confluent flasks at room temperature
- Extracted DNA: 2ug total (min. 70 ng/µL)

Follow-Up Testing:
1) Q-PCR or Targeted Microarray - EDTA (1-3mL)
2) FISH or Chromosome Analysis – NaHep (1-3mL)

Collection Information:
All blood specimens should be collected at room temperature (15-25°C) and sent to laboratory within 24 hours of collection.
Do not freeze, heat, spin, open or separate.
Lithium heparin and sodium heparin samples are not acceptable.

All specimens must contain at least two patient identifiers.

Reference Ranges:
See report
**Test Schedule:**
As required

**Comments:**
For additional information please refer to the [Molecular Diagnostics Laboratory](#).

**Critical Information Required:**

Reason for testing:
- Developmental delay or mental retardation
- Developmental delay or mental retardation in addition to the following clinical features (list)
- Two or more congenital anomalies (list)

**Storage and Shipment:**

Keep at room temperature.
Deliver to lab same day.
If unable to transport immediately, store at 4°C and transport at room temperature (15-25°C) within 24 hours.