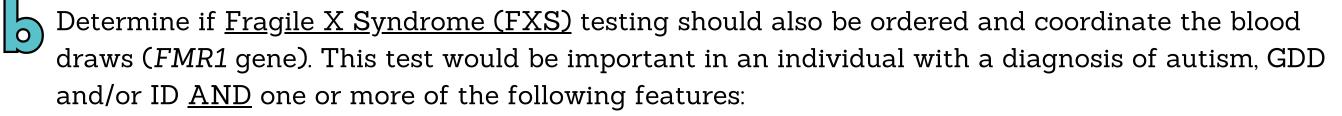
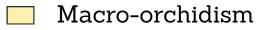


• The laboratory scientists will use all available clinical information to interpret results.





- Macrocephaly, maybe mild or appear disproportionately large relative to body stature
- Large or prominent ears, long or narrow face, tall forehead, high arched palate, prominent jaw
- Soft velvety hands, redundant skin on dorsum of hands, hyperextensible joints, pes planus, mitral valve prolapse
- Maternal relatives with a diagnosis of autism, GDD and/or ID
- Maternal relatives assigned female at birth with premature menopause or ovarian insufficiency
- Maternal relatives with adult-onset tremor, ataxia, or parkinsonism
- Maternal relatives with a known diagnosis of FXS or FXS related condition

Requisitions and Laboratory contact information CMA is a cytogenetic test and FXS is a molecular genetic test. (Links accessed July 2024)

- Provincial Medical Genetics
- Eastern Health Laboratory Medicine
 - Ordering restrictions have been lifted to allow pediatricians only to request Fragile X A.FMR1 and Fragile X E. FMR2 when investigating children with global developmental delay and intellectual disability.
 - The proper requisitions must be *fully* completed and submitted to the <u>Newfoundland and Labrador Health Services Genetics</u> <u>Laboratory</u>. Test requests and specimens will be accepted only from pediatricians. Specimen collection instructions on the requisitions must be strictly adhered to.

If you have questions, don't hesitate to call or email the Laboratory. There is often a genetic counsellor available to support your ordering.

