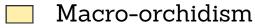


Determine if <u>Fragile X Syndrome (FXS)</u> testing should also be ordered and coordinate the blood draws (*FMR1* gene). This test would be important in an individual with a diagnosis of autism, GDD and/or ID <u>AND</u> one or more of the following features:



- 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)

Genetic Resource Centre – <u>Roy Romanow Provincial Laboratory</u>

Requests can be made directly to the Genetic Resource Centre directly for requisitions. Tel: 306-655-6450 Email: <u>grc@saskhealthauthority.ca</u> FXS (and other) - <u>Requisition form</u>

Ordering of CMA requires review by the Genetic Resource Centre as it is an out-of-province test. Contact the GRC here <u>grc@saskhealthauthority.ca</u>

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

