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## Molecular Genetics Diagnostic Laboratory Specimen Acceptance and Rejection Criteria

Upon receipt, the condition of each sample will be assessed by laboratory staff. Any sample that does not meet the acceptance criteria itemized below will be rejected and will not be processed further. A report will be generated to notify the referring health care provider of the reasons for the specimen rejection and request a new sample, if appropriate. Please note that these acceptance and rejection criteria will not apply to irretrievable specimens, such as prenatal specimens or specimens from a deceased individual. Irretrievable specimens that do not meet acceptance criteria will be brought to the attention of the Molecular Geneticist and will be reviewed on a case by case basis.

Samples that meet acceptance criteria but are deemed to be suboptimal will continue to be processed. As suboptimal sample conditions may impact test performance a preliminary report will be sent to the referring health care provider to inform them of the suboptimal specimen condition(s). A repeat sample will only be requested in instances whereby the suboptimal specimen condition is found to negatively impact testing.

### Acceptance Criteria:

- Requested test is performed in this Laboratory or appropriate documentation/request for “DNA send-out” has been received.
- Sample is received less than 3 days (fascioscapulohumeral muscular dystrophy or myotonic dystrophy, type II testing) or 5 days (all other tests) from date collected.
- Peripheral blood sample must be received in an EDTA or ACD tube.
- Blood is received in good condition and is not clotted.
- Patient identifiers on sample match patient identifiers on the requisition.
- Sample is labelled with at least two patient identifiers.
- Sample is of sufficient volume (greater than 1 ml).
- There is sufficient DNA following the extraction process for the test(s) to be performed.

### Sub-Optimal Specimen Conditions:

- Specimen not received at room temperature.
- Blood is hemolyzed.
- Sample is of insufficient volume (less than 3 ml but greater than 1 ml).

For any questions regarding these acceptance and rejection criteria, please contact the Laboratory directly at 613-738-3230, or by fax at (613)738-4814.