



Special Results Requests Information for Health Care Providers

Newborn Screening Ontario (NSO) receives requests for accelerated newborn screening results, further interpretation of newborn screening results, or additional testing on newborn screening samples for a variety of clinical indications. There are four situations that commonly arise:

- 1) An infant is diagnosed with a disease BEFORE newborn screening results are available (e.g., early presentation or prenatal diagnosis).
- 2) An infant is AT RISK to have a disease targeted by newborn screening (e.g., a family history of the disease).
- 3) An infant or child is ILL and newborn screening results may contribute to determining a diagnosis.
- 4) An infant has a positive newborn screen and has multiple newborn screening samples.

In these cases NSO Scientific and/or Medical Staff review the infant's results in the context of the clinical information provided and create a report with the relevant analyte values as well as an interpretation of the results. **Please note that newborn screening results should not replace diagnostic investigations.**

In order to facilitate a quick turn-around time for this process, please contact the NSO reporting line (613-738-3222 x1045) with the following information:

- a) At least three identifiers for the infant (including date of birth and health card number, if available).
- b) The name, phone number, and pager number of the responsible physician requesting the results.
- c) The disease(s) suspected, diagnosis status (suspected or confirmed), AND the infant's clinical symptoms.
- d) What additional testing (if any) is requested (e.g., *CFTR* analysis requested in an infant who had an IRT below the 96th centile).

In the event of a pregnancy where the fetus is at risk, we ask that you only contact us after the infant is born, as we have no way of knowing when the birth takes place or what the infant's identifiers are.

If you would like the newborn screening results for an infant in your care but do not need NSO Staff to review the results, please fill out a request online at <https://newbornscreening.on.ca/en/screening-results/request-screening-results>.

