

# Newborn Blood Spot Screening Pathway



## Registration:

Infant registered and given Alberta Unique Lifetime Identifier (ULI)  
**within** 24 hours of age

## Collection and Transportation:

Blood spots from infant's heel collected in hospital, lab, home or clinic  
**between** 24 and 72 hours of age, as close to 24 hours as possible

Blood spots received by Alberta Newborn Screening Lab in Edmonton  
**within** 72 hours of collection

## Analysis and Reporting:

Blood spots analyzed to screen for 22 treatable conditions  
**within** 48 hours of lab receipt

Normal screen results sent to physician or midwife  
Abnormal screen results called and faxed to physician or midwife and speciality clinic  
**within** 96 hours of lab receipt

## Follow-up:

Repeat collections arranged by public health nursing  
Infant assessed and other testing arranged, and treatment started when needed