

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 NMS Lab in Edmonton
within 72 hours of collection

Analysis and Reporting:

Blood spots analyzed to screen for 21 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