



Unsatisfactory Specimen: Cannot Identify (CID)

Background:

- A CID unsatisfactory specimen occurs when the Newborn Screening (NBS) lab cannot be *certain* the blood specimen received belongs to the baby whose demographics are filled out on the specimen card.
- In these cases, the bloodspot specimen will be considered unsatisfactory, and a repeat specimen will be required.
- Examples of when this can occur include:
 - Multiple fields of the NBS demographic card are crossed out making it difficult to read the information accurately.
 - The kit number on the demographic portion of the card does not match the kit number on the filter paper. For example, a kit was separated and portions of two different kits are pieced together for an infant.
 - Inaccurate or missing information on the card causes the lab to question the identity of the infant.

Tips to Avoid CID Specimen:

Different NBS Kits:

- Do not combine different kits for a baby. The kit number for the demographic portion must match the filter paper. Initial next to the correction.
- Start over with new kits for each infant if you discover the blood and demographic information does not match.

Incorrect Information:

- Put a single strikeout line through the incorrect information and clearly write the correct information above it.
- Initial next to the correction.
- Make a notation in the Notes field attesting that the corrections are accurate and the right infant's blood is on the card.

Multiple Errors:

- If multiple errors occur, please consider using a new NBS card. It is easier to complete another collection at this point rather risking unsatisfactory specimen.

Replacement Card:

- Obtain a replacement card *at no cost* by completing the **NBS Replacement Form** located in the MDHHS Newborn Screening Guide for Hospitals (appendix 6).
- The guide can be accessed at Michigan.gov/NewbornScreening in the section titled "Resources for Hospitals and Health Professionals".

Example of CID:

- Too many fields crossed out.
- No initials next to crossed out fields.
- Nothing in Notes field indicating corrections made or attesting to accuracy.

For additional information about specimen collection, please visit [MDHHS - Newborn Screening - Resources for Hospitals and Health Professionals \(michigan.gov\)](https://Michigan.gov/NewbornScreening) or contact the NBS Nurse Consultant at 517-335-1966.