

SIMPLE SPOT CHECK

Satisfactory and Unsatisfactory Specimens

Minnesota Newborn
Screening Program



Satisfactory Specimens

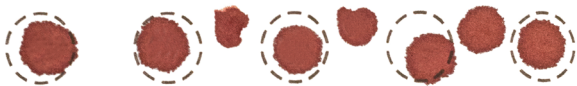


Satisfactory specimen. Circles are filled completely to the outer edge and evenly saturated. The reverse side looks the same.

Unsatisfactory Specimens



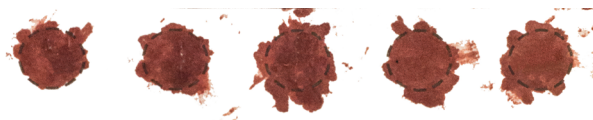
Layered specimen. Blood was applied multiple times to the same circle or the circle was filled on both sides of the filter paper.



Insufficient quantity of blood. Circles are not completely filled - reverse side is often poorly saturated as shown below.



Poor saturation - often the reverse side of circles are not completely filled as shown in the examples both above and below.



Heel pressed against filter paper - often has poor saturation on the reverse side as shown above.



Serum rings. Possible causes: anemic infant, excessively squeezing area surrounding puncture site, allowing filter paper to come in contact with alcohol, applying blood to filter paper with a capillary tube.



Blood is chafed/abraded/torn. This can happen when blood is applied using a capillary tube or other device.



DEPARTMENT
OF HEALTH

Newborn Screening Program, 601 Robert St. N., St. Paul, MN 55155
Phone (651) 201-5466, Fax (651) 215-6285

