

# Simple Spot Check

## Satisfactory and Unsatisfactory Specimens

Minnesota Newborn  
Screening Program



### Satisfactory Specimens

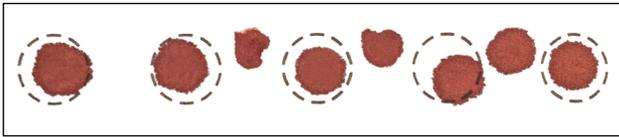


Satisfactory specimen. Circles are filled completely to the outer edge and evenly saturated. The reverse side looks the same.

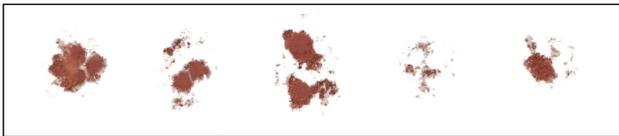
### Unsatisfactory Specimens



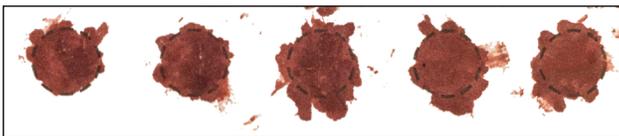
Layered specimen. Blood was applied multiple times to the same circle or the circle was filled on both sides of the filter paper.



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



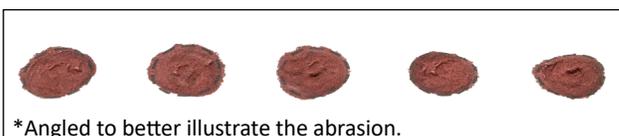
Poor saturation — often the reverse side of circles not completely filled as shown in the examples both above and below.



Heel pressed against filter paper — often have 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.

\*Angled to better illustrate the abrasion.