

## Satisfactory Specimen



ONLY APPLY TO ONE SIDE

### 900 Specimen greater than 10 days old when received by the State newborn screening laboratory.

- The dried blood spot must be shipped to the laboratory as soon as it is thoroughly air-dried (3-4 hours) but no later than 24 hours after specimen collection.

### 930 Quantity not sufficient.



### 940 Blood applied on multiple spots on filter paper.



### 941 Blood on coverlet.



### 950 Uneven saturation of filter paper.



### 960 Presence of thick, clotted areas on the surface of the filter paper.



### 961 Blood applied by capillary tube improperly.

- The capillary tube was moved in circular motion during application to the filter paper. Improper capillary tube application caused clotted swirl marks.

### 970 Rough, wrinkled, or abraded blood spots.



### 972 Collection paper bent during the collection resulting in blood spreading in a ripple formation.

- If the filter paper was bent or creased before or during the blood application, causing it to diffuse in an uneven, rippled manner.

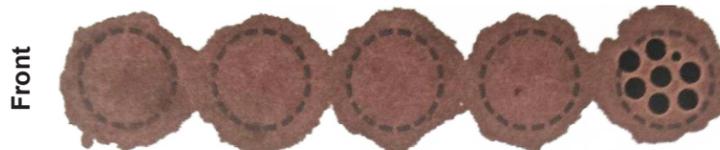
### 980 Contamination or adulteration of the specimen.

- Sample was collected through a line or port without proper flushing prior to collecting the blood sample; Filter paper to come into contact with gloved or ungloved hands, or substances such as alcohol, formula, water, hand lotion, etc. either before or after the blood specimen collection; Blood spots were exposed to direct heat.

### 981 Specimen was wet when received.

- Specimen was submitted before drying thoroughly. Blood spots must be allowed to air-dry for the allotted time (3 to 4 hours) in a horizontal position, away from direct heat and sunlight. Do not place in airtight plastic bag.

### 982 Excessive spreading of blood spots.



### 990 Serum separation.

- Collection card dried vertically or on side instead of flat; squeezing excessively around puncture site; allowing filter paper to come into contact with alcohol, hand lotion, etc.

## Guidelines for the Shipment of Dried Bloodspot Specimens to the Kansas Health & Environmental Laboratories

Mail specimens to:  
KDHE / KHEL  
NEONATAL CHEMISTRY  
6810 SE Dwight Street  
Topeka, KS 66620

- Allow blood spots to thoroughly air dry for at least 3 hours in a horizontal position, away from heat and sunlight.
- After the blood spots are dry, cover the filter paper with the paper overlay attached to the collection kit.
- The collection kit needs to have the biohazard symbol attached in order to meet US Postal Regulations.
- The dried blood spots must NOT be packaged in airtight, leak-proof plastic bags.
- The collection kit can be enclosed in a quality-bond paper envelope and securely sealed.
- Mail the specimens to the laboratory as soon as it is thoroughly air-dried.
- Send every specimen as soon as possible, do not wait to collect more specimens before shipment.
- Do not put specimens in an outside drop box.