

Kansas Department of Health and Environment ~ 1000 SW Jackson St. Suite 200 ~ Topeka, KS 66612

Timeliness of Newborn Screening is a Necessity in Kansas!

The recommendation coming from the U.S. Secretary of Health and Human Services' Advisory Committee on Heritable Disorders in Newborns and Children (SACHDNC) is to have Newborn Screening (NBS) specimens collected from infants between 24 and 48 hours of life. It is critical that all collected NBS specimens be shipped to the laboratory for testing within 24 hours of collection by an expedited method of transportation.

Here are some important shipping tips to ensure expedited transport to the laboratory:

- ◆ Overnight shipping by United Parcel Service (UPS) and Federal Express (FedEx) have proven to be excellent at getting specimens to the NBS laboratory in a timely manner. They also provide a tracking number for packages.
- ◆ If a courier service is available, they may be used to expedite shipments to the laboratory. However, most courier services do not provide a tracking number.

⇒ Please be advised that shipping by the United States Postal Service (USPS) often results in delay in the NBS specimens reaching the laboratory as Kansas mail is shipped to Border States to be sorted and then shipped back to Kansas for delivery. This delay may be too long and an infant at risk can be put in grave danger if the specimen is not received soon enough at the laboratory for testing.

SACHDNC guidelines are that the testing laboratory provide analysis results to the primary care physician, submitting facilities, and NBS Follow-Up Program by the time the infant is 5 days of age. There are several screening disorders that are time critical and these can have catastrophic outcomes for an infant at risk if they are not detected and treatment is not begun in the first few days of life.

Your consideration and practice to use UPS and FedEx as the shippers of choice will help ensure that Kansas is successful to reach the SACHDNC recommended goal that NBS test results are provided by 5 days of age for all Kansas newborns!

DID YOU KNOW?

Unsatisfactory blood spot cards can:

- Cost your hospital money to collect a repeat sample.
- Delay needed follow up and/or diagnosis and treatment for an infant.
- Be prevented with training and quality checks within your facility.



THIS IS NOT "THE PKU TEST"

It's time to get on board and start using correct terminology when referring to newborn screening. All too often, we hear nurses, lab staff and physicians referring to the newborn screen as the "PKU test". Since Kansas screens for 28 disorders, including PKU, it is important that professionals convey correct information to parents and co-workers. Education starts with you! If you hear someone say "the PKU test" please remind them it is so much more.

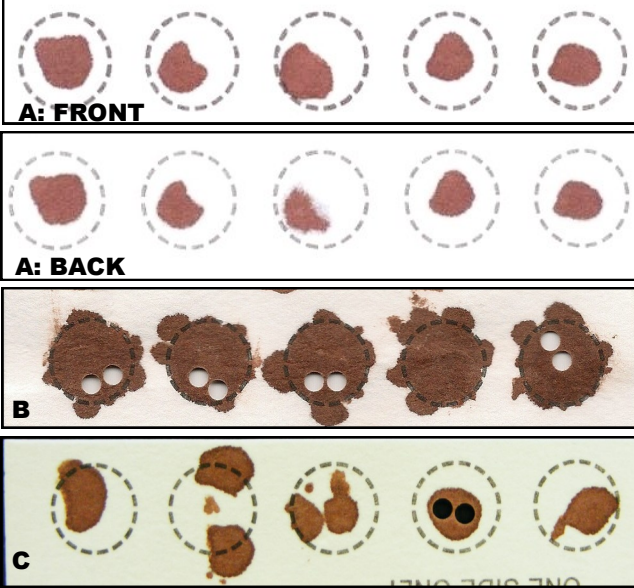
It is the **"NEWBORN SCREEN" OR "NEONATAL SCREEN"**.

THANK YOU!

At a Glance—4th Quarter 2015

Total # of Samples Tested:	11,405
Total Unsatisfactory Samples:	432
Percent Total Unsatisfactory Samples:	3.79%
Goal for Unsatisfactory Blood Spots:	< 1.3 %

EXAMPLES OF UNSATISFACTORY BLOOD SPOTS:



EXAMPLE OF A GOOD BLOOD SPOT:



A = Spots too small and blood not soaked through to back



B = Multiple spots applied using a capillary tube



C = Spots too small and appears that heel has touched card



“TOP FACILITIES THAT MAKE US SMILE!”

***Remember the Goal is to be $\leq 1.3\%$ ***



ACILITY NAME	FACILITY ID	TOTAL # OF SAMPLES	TOTAL # OF UNSATS	AVERAGE MONTHLY UNSAT %
MEMORIAL HOSPITAL-ABILENE	410	20	0	0.00%
MUNSON ARMY HEALTH CENTER	1020	1	0	0.00%
COFFEYVILLE REG MED CTR	1240	83	0	0.00%
NEOSHO MEMORIAL HOSPITAL	1330	90	0	0.00%
OSBORNE CO MEM HOSPITAL	1380	3	0	0.00%
VIA CHRISTI HOSP MANHATTAN INC	1570	318	0	0.00%
ROOKS COUNTY HEALTH CENTER	1580	6	0	0.00%
SCOTT CO HOSPITAL	1630	16	0	0.00%
WASHINGTON CO HOSPITAL	1980	3	0	0.00%
HANOVER HOSPITAL	7460	3	0	0.00%
NEWTON MEDICAL CENTER	740	155	1	0.65%
VIA CHRISTI HOSP PITTSBURG INC	380	129	1	0.78%
GREAT BEND REGIONAL HOSPITAL	92	101	1	0.99%
STORMONT-VAIL REG MED CTR	1770	597	7	1.17%
WILLIAM NEWTON MEM HOSP	360	81	1	1.23%



CONTACT US!

www.kdheks.gov/newborn_screening

LABORATORY: 1-785-296-1652 (Phone) **FOLLOW-UP:** 1-785-296-0109 (Phone) **ORDER CARDS:** 1-785-296-16 23(Phone)
 1-785-296-0978 (Fax) 1-758-296-2950 (Fax) 1-785-296-1641 (Fax)