

Newborn Screening News

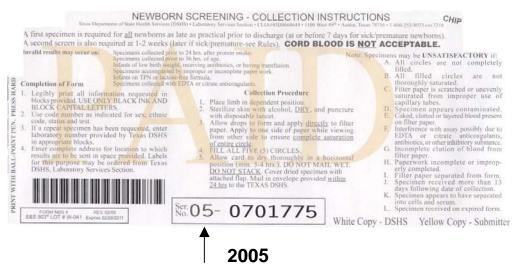
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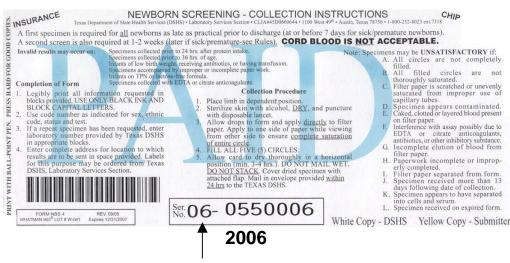
REMINDER: ROTATE YOUR FILTER PAPER STOCK

USE NEWBORN SCREENING FORMS THAT BEGIN WITH <u>05-</u> SERIAL NUMBERS <u>BEFORE</u> FORMS BEGINNING WITH <u>06-</u> SERIAL NUMBERS.

The total number of unsatisfactory specimens received for January 2006 was 1,938 (2.9% of 66,616). The increase was due to the submission of specimens on expired 2004 forms. The number of expired forms rejected so far in 2006 is as follows: Jan - 1039; Feb - 241; Mar - 87.

It is <u>very important</u> to rotate stock when replenishing your supply of newborn screening kits. CLIA regulations require DSHS to discard any specimens received that have exceeded the expiration date. Submitting invalid specimens results in retesting and delays the screening of a newborn, placing a newborn at risk for delayed diagnosis of a screened condition.



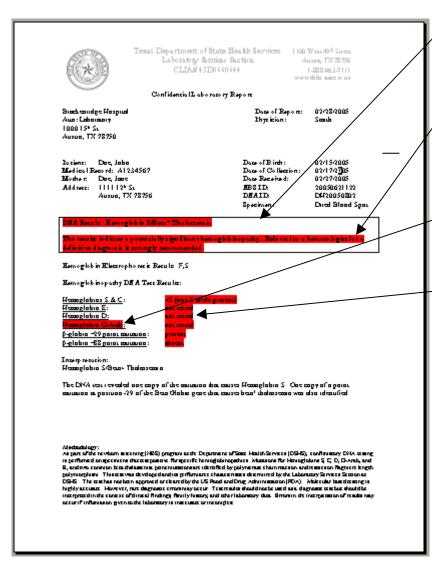


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Notice

DNA Report Format Change

The format of the Hemoglobinopathy DNA report has been modified to make it easier to read and understand. Please see below for highlights of the changes.



Any questions? Contact the Newborn Screening State Laboratory 1-800-252-8023 ext. 7158

- Easier to locate the DNA result.
- A statement of recommendation is included for any clinically significant result.
- Addition of Hemoglobin O-Arab variant in the mutation panel.
- Change of result descriptions. (see details below)

Result Descriptions		
Test	Old	New
S&C	+/+	-/- (no S or C alleles present)
	+/S	-/S (one S allele present)
	+/C	-/C (one C allele present)
	SS	SS (two S alleles present)
	SC	SC (one S allele, one C allele present)
	CC	CC (two C alleles present)
	not tested	not tested
Е	+/+	-/- (no E allele present)
	+/E	-/E (one E allele present)
	EE	EE (two E alleles present)
	not tested	not tested
D	+/+	-/- (no D allele present)
	+/D	-/D (one D allele present)
	DD	DD (two D alleles present)
	not tested	not tested
O-Arab		-/- (no O allele present)
		-/O (one O allele present)
		OO (two O alleles present)
		not tested
-29	positive	present
	negative	absent
	not tested	not tested
-88	positive	present
	negative	absent
	not tested	not tested