

STATE OF COLORADO

Bill Ritter, Jr., Governor
James B. Martin, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

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Colorado Department
of Public Health
and Environment

April 21, 2008

Dear Health Care Provider

Effective April 1, 2008, the Newborn Screening Program implemented changes to the second newborn screen testing by discontinuing routine second screening for galactosemia, biotinidase and cystic fibrosis unless one or more of the following conditions is met:

- 1) An abnormal result for these disorders is obtained on the first screen testing
- 2) An unsatisfactory specimen is submitted for the first screen, or
- 3) No first screen specimen can be located for the patient. (*Specimens received, which are unable to be matched to a valid first specimen, will always be tested with the full first screen panel.*)

This change was implemented following discussion at the Newborn Screening Advisory Committee and Board of Health approval in November 2007, where it was determined that routine screening for these disorders on the second newborn sample submitted, when a normal result on a first screen sample was reported, was an unnecessary testing protocol.

Abnormal first screen results for these disorders that will result in adding these disorders to the second screen testing are as follows:

Galactosemia: No Presence of enzyme activity
Biotinidase: <30%
Cystic Fibrosis: Immunoreactive trypsinogen (IRT) > 60 ng/ml

Please do not hesitate to call with any questions about the above-mentioned changes to the second newborn screen testing protocol.

Sincerely,

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