# Interpretation of Newborn Screening Results for TSH:

| Screen Results     | Probable Cause                                                                 | Actions                              | Follow Up                                                      |
|--------------------|--------------------------------------------------------------------------------|--------------------------------------|                                                               |
| TSH HIGH RISK      | - Primary Hypothyroidism  
- Maternal Antibodies  
- Medications(PTU)  
- False Positive (TSH surge, other illness, prematurity) | Newborn Screening Lab will phone/fax physician/health care provider and follow up center with abnormal results. | Diagnostic thyroid serum testing & consult with pediatric endocrinologist recommended. |
| TSH BORDERLINE RISK** | - False Positive (TSH surge, other illness, prematurity)  
- Possible hypothyroidism  
- Maternal antibodies or medication | Final results mailed to physician of record and submitter. | Repeat newborn screen, or do serum testing. |

** Repeat Borderline Risk TSH results should be followed up with diagnostic serum testing.