

Table 6: Hypothyroidism

Overall Result	Disorder	Screening Result	Analyte(s)	Analyte Result	Screening Result Note
Normal	Hypothyroidism	Normal			
Normal	Hypothyroidism	Normal Normal	T4 TSH	Normal Normal	
Abnormal	Hypothyroidism	Abnormal	TSH	TSH Slightly Elevated	Possible Hypothyroidism. TSH Slightly Elevated. If this is the second screen, follow recommendations received from Clinical Care Coordination. Otherwise, repeat the newborn screen within 7 days.
Abnormal	Hypothyroidism	Abnormal	TSH	TSH Moderately Elevated	Possible Hypothyroidism. TSH Moderately Elevated. Recommend TSH, Free T4, and T4 within 5 days. If this is the first screen, repeat the newborn screen within 7 days.
Abnormal	Hypothyroidism	Abnormal	TSH	TSH Very Elevated	Possible Hypothyroidism. TSH Very Elevated. Recommend TSH, Free T4, and T4 and refer to an endocrinologist within 24 hours. If this is the first screen, repeat the newborn screen within 7 days.
Abnormal	Hypothyroidism	Abnormal	T4	T4 Low	Possible Hypothyroidism. T4 Low. If this is the second screen, follow recommendations received from Clinical Care Coordination. Otherwise, repeat the newborn screen within 7 days.
Abnormal	Hypothyroidism	Abnormal	T4/TSH	T4 Low, TSH Slightly Elevated	Possible Hypothyroidism. T4 Low; TSH Slightly Elevated. If this is the second screen, follow recommendations received from Clinical Care Coordination. Otherwise, repeat the newborn screen within 7 days.
Abnormal	Hypothyroidism	Abnormal	T4/TSH	T4 Low, TSH Moderately Elevated	Possible Hypothyroidism. T4 Low; TSH Moderately Elevated. Recommend TSH, Free T4, and T4 and refer to an endocrinologist within 5 days. If this is the first screen, repeat the newborn screen within 7 days.
Abnormal	Hypothyroidism	Abnormal	T4/TSH	T4 Low, TSH Very Elevated	Possible Hypothyroidism. T4 Low; TSH Very Elevated. Recommend TSH, Free T4, and T4 and refer to an endocrinologist within 24 hours. If this is the first screen, repeat the newborn screen within 7 days.
Abnormal	Hypothyroidism	Abnormal	T4	T4 Elevated	Possible TBG Excess. T4 Elevated. If this is the second screen, follow recommendations received from Clinical Care Coordination. Otherwise, repeat the newborn screen within 7 days.

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Overall Result	Disorder	Screening Result	Analyte(s)	Analyte Result	Screening Result Note
Abnormal	Hypothyroidism	Abnormal	T4/TSH	T4 Elevated, TSH Elevated	Possible Hyperthyroidism. T4 and TSH Elevated. Recommend TSH, Free T4, and T4 and refer to an endocrinologist within 5 days.
Abnormal	Hypothyroidism	Revised Result			free text
Normal	Hypothyroidism	Revised Result			free text
Unsatisfactory	Hypothyroidism	Revised Result			free text