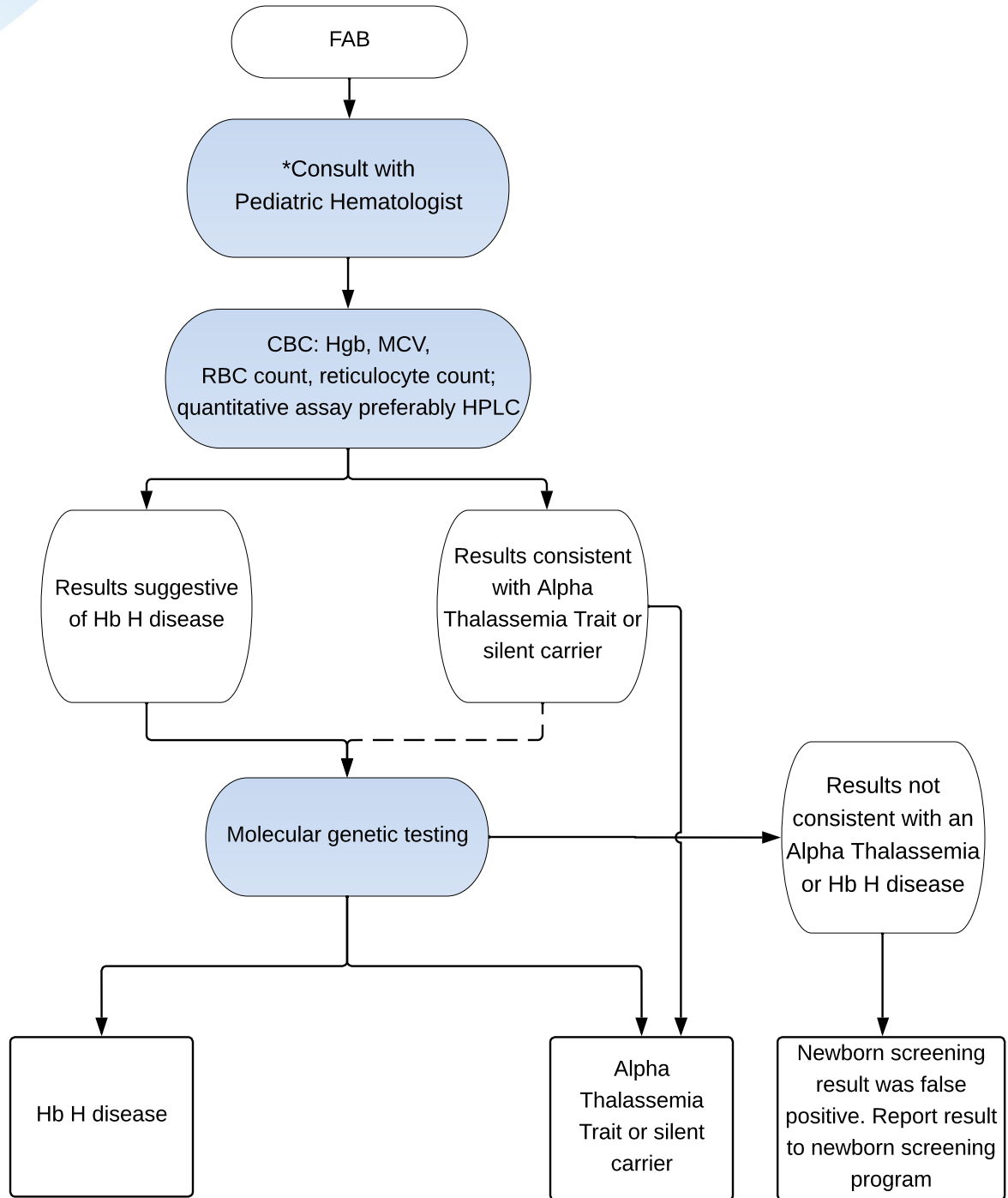


Hemoglobin FA + Barts: Unquantified Barts

Alpha Thalassemia Screening Result (FAB)



Key

- Actions are shown in shaded ovals; results are in the unshaded ovals.
- Diagnostic outcomes are shown in boxes.
- Dashed line reflects an optional test.

Abbreviations

CBC = complete blood count
 Hb = hemoglobin protein
 HbH = Hemoglobin H disease
 Hgb = hemoglobin level
 HPLC = high performance liquid chromatography
 MCV = mean corpuscular volume
 RBC = red blood cell

***Barts levels decrease rapidly after birth and vary significantly depending on time of collection and methodology. Diagnostic specificity varies widely between NBS programs. It is essential to work with the State Health Department, thalassemia specialist, and/or genetic counselor on a detailed interpretation and response.**

This practice resource is designed primarily as an educational resource for medical geneticists and other clinicians to help them provide quality medical services. Adherence to this practice resource is completely voluntary and does not necessarily assure a successful medical outcome. This practice resource should not be considered inclusive of all proper procedures and tests or exclusive of other procedures and tests that are reasonably directed to obtaining the same results. In determining the propriety of any specific procedure or test, the clinician should apply his or her own professional judgment to the specific clinical circumstances presented by the individual patient or specimen. Clinicians are encouraged to document the reasons for the use of a particular procedure or test, whether or not it is in conformance with this practice resource. Clinicians also are advised to take notice of the date this practice resource was adopted, and to consider other medical and scientific information that becomes available after that date. It also would be prudent to consider whether intellectual property interests may restrict the performance of certain tests and other procedures.