

Table 8: Hemoglobinopathies

Overall Result	Disorder	Screening Result	Analyte(s)	Analyte Result	Screening Result Note
Normal	Hemoglobinopathies	Normal			
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	A,A	Probable Normal. Only Hemoglobin A detected. If result is due to transfusion, repeat in three months post transfusion.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	A,C	Probable C Trait. Hemoglobin A,C detected. Notify family of test results.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	A,C,F	Probable C Trait. Hemoglobin A,C,F detected. Notify family of test results.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	A,D	Probable D Trait. Hemoglobin A,D detected. Notify family of test results.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	A,D,F	Probable D Trait. Hemoglobin A,D,F detected. Notify family of test results.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	A,E	Probable E Trait. Hemoglobin A,E detected. Notify family of test results.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	A,E,F	Probable E Trait. Hemoglobin A,E,F detected. Notify family of test results.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	A,F	Probable Normal. Hemoglobin A,F detected. If result is due to transfusion, repeat in three months post transfusion.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	A,F,C	Probable C Trait. Hemoglobin A,F,C detected. Notify family of test results. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	A,F,D	Probable D Trait. Hemoglobin A,F,D detected. Notify family of test results. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	A,F,G	Probable G Trait. Hemoglobin A,F,G detected. Notify family of test results.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	A,F,Other	Probable Unidentified Hb Variant Trait. Hemoglobin A,F,Other detected. Notify family of test results. For additional information see (http://www.dshs.texas.gov/newborn/pdf/fAOther.pdf).
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	A,F,Other,Barts	Probable Unidentified Hb Variant Trait and Alpha Thalassemia Trait. Hemoglobin A,F,Other,Barts detected. Notify family of test results. Consult with pediatric hematologist between 6 and 12 months of age.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	A,F,S	Probable S Trait. Hemoglobin A,F,S detected. Notify family of test results. DNA report to follow.

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Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	A,F,S,Barts	Probable S Trait and Alpha Thalassemia Trait. Hemoglobin A,F,S,Barts detected. Notify family of test results. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	A,G	Probable G Trait. Hemoglobin A,G detected. Notify family of test results.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	A,G,F	Probable G Trait. Hemoglobin A,G,F detected. Notify family of test results.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	A,Other	Probable Unidentified Hb Variant Trait. Hemoglobin A,Other detected. Notify family of test results. For additional information see (http://www.dshs.texas.gov/newborn/pdf/fAOther.pdf).
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	A,S	Probable S Trait. Hemoglobin A,S detected. Notify family of test results.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	A,S,F	Probable S Trait. Hemoglobin A,S,F detected. Notify family of test results.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	C,A	Probable Hemoglobin C/Beta Thalassemia Disease. Hemoglobin C,A detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	C,C	Probable CC Disease. Only Hemoglobin C detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	C,F	Probable CC Disease. Hemoglobin C,F detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	E,E	Probable EE Disease. Only Hemoglobin E detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	E,F	Probable EE Disease. Hemoglobin E,F detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F Only Detected	Possible Beta Thalassemia Major. Only Hemoglobin F detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,Barts	Probable Alpha Thalassemia Trait. Hemoglobin F,A,Barts detected. Notify family of test results.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,C	Probable C Trait. Hemoglobin F,A,C detected. Notify family of test results.

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Overall Result	Disorder	Screening Result	Analyte(s)	Analyte Result	Screening Result Note
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,C,Barts	Probable C Trait and Alpha Thalassemia Trait. Hemoglobin F,A,C,Barts detected. Notify family of test results.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,C,G	Probable C Trait and G Trait. Hemoglobin F,A,C,G detected. Notify family of test results. Consult with pediatric hematologist between 6 and 12 months of age.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,C,G,Barts	Probable C Trait, G Trait, and Alpha Thalassemia Trait. Hemoglobin F,A,C,G,Barts detected. Notify family of test results. Consult with pediatric hematologist between 6 and 12 months of age.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,C,Other	Probable C Trait and Unidentified Hb Variant Trait. Hemoglobin F,A,C,Other detected. Notify family of test results. Consult with pediatric hematologist between 6 and 12 months of age.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,D	Probable D Trait. Hemoglobin F,A,D detected. Notify family of test results.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,D,Barts	Probable D Trait and Alpha Thalassemia Trait. Hemoglobin F,A,D,Barts detected. Notify family of test results.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,E	Probable E Trait. Hemoglobin F,A,E detected. Notify family of test results.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,E,Barts	Probable E Trait and Alpha Thalassemia Trait. Hemoglobin F,A,E,Barts detected. Notify family of test results.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,elevated Barts	Probable H Disease. Hemoglobin F,A,elevated Barts detected. Refer to a pediatric hematologist within one month.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,G	Probable G Trait. Hemoglobin F,A,G detected. Notify family of test results.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,G,Barts	Probable G Trait and Alpha Thalassemia Trait. Hemoglobin F,A,G,Barts detected. Notify family of test results. Consult with pediatric hematologist between 6 and 12 months of age.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,O-Arab	Probable O-Arab Trait. Hemoglobin F,A,O-Arab detected. Notify family of test results.

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Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,Other	Probable Unidentified Hb Variant Trait. Hemoglobin F,A,Other detected . Notify family of test results. For additional information see (http://www.dshs.texas.gov/newborn/pdf/fAOther.pdf).
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,Other,Barts	Probable Unidentified Hb Variant Trait and Alpha Thalassemia Trait. Hemoglobin F,A,Other,Barts detected . Notify family of test results. Consult with pediatric hematologist between 6 and 12 months of age.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,S	Probable S Trait. Hemoglobin F,A,S detected . Notify family of test results.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,S Other	Probable S Trait and Unidentified Hb Variant. Hemoglobin F,A,S,Other detected . Notify family of test results. Consult with pediatric hematologist between 6 and 12 months of age.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,S,Barts	Probable S Trait and Alpha Thalassemia Trait. Hemoglobin F,A,S,Barts detected . Notify family of test results.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,S,G	Probable S Trait and G Trait. Hemoglobin F,A,S,G detected . Notify family of test results. Consult with pediatric hematologist between 6 and 12 months of age.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,A,S,G,Barts	Probable S Trait, G Trait, and Alpha Thalassemia Trait. Hemoglobin F,A,S,G,Barts detected . Notify family of test results. Consult with pediatric hematologist between 6 and 12 months of age.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,C	Probable CC Disease. Hemoglobin F,C detected . Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,C (A Questionable)	Possible CC or Hemoglobin C/Beta Thalassemia Disease. Hemoglobin F,C (A Questionable) detected . Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,C,A	Probable Hemoglobin C/Beta Thalassemia Disease. Hemoglobin F,C,A detected . Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,C,Barts	Probable CC Disease and Alpha Thalassemia Trait. Hemoglobin F,C,Barts detected . Refer to pediatric hematologist within one month. DNA report to follow.

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Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,C,E	Probable CE Disease. Hemoglobin F,C,E detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,D	Probable DD Disease. Hemoglobin F,D detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,E	Probable EE Disease. Hemoglobin F,E detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,E (A Questionable)	Possible EE or Hemoglobin E/Beta Thalassemia Disease. Hemoglobin F,E (A Questionable) detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,E,Barts	Probable EE Disease and Alpha Thalassemia Trait. Hemoglobin F,E,Barts detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,G	Probable GG Disease. Hemoglobin F,G detected. Refer to pediatric hematologist within one month.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,Other	Probable Unidentified Hb Variant. Hemoglobin F,Other detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,S	Probable SS Disease. Hemoglobin F,S detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,S (A Questionable)	Possible Sickle Cell or Sickle Beta Thalassemia Disease. Hemoglobin F,S (A Questionable) detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,S,A	Probable Sickle Beta Thalassemia Disease. Hemoglobin F,S,A detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,S,Barts	Probable SS Disease and Alpha Thalassemia Trait. Hemoglobin F,S,Barts detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,S,C	Probable SC Disease. Hemoglobin F,S,C detected. Refer to pediatric hematologist within one month. DNA report to follow.

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Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,S,C,Barts	Probable SC Disease and Alpha Thalassemia Trait. Hemoglobin F,S,C,Barts detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,S,D	Probable SD Disease. Hemoglobin F,S,D detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	F,S,E	Probable SE Disease. Hemoglobin F,S,E detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	S,A	Probable Sickle Beta Thalassemia Disease. Hemoglobin S,A detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	S,C	Probable SC Disease. Hemoglobin S,C detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	S,C,F	Probable SC Disease. Hemoglobin S,C,F detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	S,F	Probable SS Disease. Hemoglobin S,F detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	S,S	Probable SS Disease. Only Hemoglobin S detected. Refer to pediatric hematologist within one month. DNA report to follow.
Abnormal	Hemoglobinopathies	Abnormal	Hemoglobin	Abnormal	free text
Abnormal	Hemoglobinopathies	Revised Result			free text
Normal	Hemoglobinopathies	Revised Result			free text
Unsatisfactory	Hemoglobinopathies	Revised Result			free text