MAYO CLINIC LABORATORIES

1-800-533-1710

F8INP

Hemophilia A F8 Gene, Intron 1 and 22 Inversion Mutation Analysis, Prenatal

Patient ID	Patient Name		Birth Date	Sex	Age
SA00158472	VALIDATIONSOFT, TESTING F8INP		1997-03-20	F	25
Order Number	**Client Order Number**	**Ordering Physician**	**Report Notes**		
SA00158472	SA00158472	CLIENT,CLIENT			
Account Information		**Collected**			
C7028846 DLMP Rochester		28 Feb 2023 12:00			

HA F8 Int 1/22 Inversion, AF or CVS

F8INP Interpretation

[1] MCR

Results are consistent with a diagnosis of hemophilia A in the fetus of [MOTHER'S NAME] due to the intron 1 inversion mutation.

A genetic consultation may be of benefit.

MCC Negative: Using a panel of polymorphic markers to compare maternal and fetal specimens, there was no evidence of maternal cell contamination in the fetal specimen.

ADDITIONAL INFORMATION

Genomic DNA is digested with Ksp22 I restriction enzyme, ligated with T4 DNA ligase, and amplified by PCR with primers specific for the F8 intron 22 inversion mutations. Genomic DNA is amplified by PCR with primers specific for the F8 intron 1 inversion mutation.

HA F8 Int 1/22 Reason for Referral

MCR

Mother is a known or suspected carrier for Hemophilia A. Prenatal evaluation test for the presence of mutations in the F8 gene.

HA F8 Int 1/22 Inversion, AF or CVS

MCR

Intron 1 inversion detected

Reference Value
Not applicable

An intron 1 inversion was detected within the F8 gene. An intron 22 inversion was NOT detected.

HA F8 Intron 1/22 Reviewed By

MCR

JENNIFER MAIN

Received: 01 Mar 2023 11:18 **Reported:** 01 Mar 2023 11:22

Laboratory Notes

[1] This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D	24D0404292