MAYO CLINIC
Mayo Medical Laboratories

Test Definition: ADHP

Familial Hypercholesterolemia/Autosomal Dominant Hypercholesterolemia Genetic Testing Reflex Panel

Reporting Title: FH/ADH Genetic Reflex Panel
Performing Location: Rochester

Specimen Requirements:

Multiple cardiovascular-related gene sequencing tests can be performed on a single specimen after a single extraction. See Multiple Cardiovascular-Related Gene Sequencing Tests in Special Instructions for a list of tests that can be ordered together.

Container/Tube: Lavender top (EDTA)
Specimen Volume: 3 mL
Collection Instructions: Send specimen in original tube.
Additional Information:
1. Include physician name and phone number with the specimen.
2. Transfusions will interfere with testing for up to 4 to 6 weeks. DNA obtained from white cells may not provide useful information for patients who received a recent transfusion of blood that was not leukocyte-reduced. Wait 4 to 6 weeks until transfused cells have left the patient's circulation before drawing the patient's blood specimen for genotype testing.
Forms:
1. Familial/Autosomal Dominant Hypercholesterolemia Patient Information Sheet (Supply T637) in Special Instructions.
2. New York Clients-Informed consent is required. Please document on the request form or electronic order that a copy is on file. An Informed Consent for Genetic Testing (Supply T576) is available in Special Instructions.

Specimen Type	Temperature	Time
Whole Blood EDTA	Ambient (preferred)	
	Refrigerated	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
29282	FH/ADH Genetic Interpretation	Alphanumeric		69047-9
29286	Reviewed By	Numeric		N/A
29283	APOB Genotype (Result)	Alphanumeric		In Process

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
ADHI	FH/ADH Genetic Interpretation	1		Yes	No

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
APOBP	APOB Genotype	1	81479	Yes	Yes (order APOB)

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
LDLMP	LDLR Large Del/Dup	1	81479	No	Yes (order LDLM)
LDLSP	LDLR, Full Gene Sequence	1	81479	No	Yes (order LDLRS)

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
LDLMP	28485	Result	Alphanumeric		69486-9
LDLSP	30380	Result	Alphanumeric		In Process
LDLSP	15598	Comment	Alphanumeric		In Process

Reference Values:

An interpretive report will be provided.